



1800 Limerick Street  
Alexandria, VA 22314  
alexrenew.com

**Board of Directors**  
John Hill, Chair  
James Beall, Vice Chair  
Adriana Caldarelli, Sec'y-Treas  
Mark Jinks  
Rebecca Hammer  
**Chief Executive Officer**  
Justin Carl, PE  
**General Counsel**  
Amanda Waters

Monday, March 18, 2024 – 5:30 p.m.

## Board of Directors Finance and Audit Committee Meeting Agenda

**In-person:** AlexRenew Environmental Center (1800 Limerick St)  
Ed Semonian Boardroom, Room 600

**Virtual:** [Microsoft Virtual Events Powered by Teams](#)

Public comments will be received at the meeting. If you wish to speak during public comment, please contact the Board Executive Assistant at (703) 721-3500 ext. 2260 or [lorna.huff@alexrenew.com](mailto:lorna.huff@alexrenew.com) in advance. Submission of written statements is encouraged and may be emailed to the Board Executive Assistant.

A recording of the meeting will be posted on [alexrenew.com](http://alexrenew.com) after the meeting.

No.	Item	Presenter	Action
1.	Call to Order (5:30 p.m.)	Chair	
2.	Approval of Agenda (5:35 p.m.)	Chair	Approval
3.	Public Comment Period (5:40 p.m.)	Chair	
4.	Consent Agenda (5:45 p.m.) a. Minutes from February 12, 2024 meeting (Tab 1)	Chair	Approval
5.	Unfinished Business (5:50 p.m.)	Chair	Approval
6.	New Business (5:50 p.m.) a. Review Fiscal Year 2025 Operating and Capital Budget and Rates, Rules, and Regulations (Tab 2)	Chair Mr. Carl	Information
7.	Adjourn (7:00 p.m.)	Chair	

Times shown in parentheses ( ) are approximate start times 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) 721-3500 ext. 2260 at least three business days prior to the meeting.

The next Regular Board of Directors meeting is scheduled for Tuesday, March 19, 2024.

AlexRenew Board of Directors  
Minutes of the Finance and Audit Committee  
Monday, February 12, 2024

On Monday, February 12, 2024, the AlexRenew Board of Directors held a Finance and Audit Committee meeting at 1800 Limerick Street, and broadcast via Microsoft Teams, with the following present:

Members: Mr. Mark Jinks, Finance and Audit Chair  
Ms. Adriana Caldarelli, Finance and Audit Member  
Mr. James Beall, Board Vice Chair  
Ms. Rebecca Hammer, Board Member

Staff: Mr. Justin Carl, CEO/GM  
Ms. Caitlin Feehan, Chief Administrative Officer  
Mr. Lake Akinkugbe, Director of Finance

Consultants: Mr. Thierry Boveri, Raftelis via Microsoft Teams  
Ms. Diana Ling, Raftelis via Microsoft Teams

1. Call to Order

The Chair called the meeting to order at 5:30 p.m.

2. Approval of the Agenda

There being no changes to the Agenda, the Chair moved approval of the agenda. Ms. Caldarelli seconded. The Committee unanimously approved the agenda.

3. Public Comment Period

There being no members of the public in attendance and wishing to speak, the Chair closed the public comment period.

4. Consent Agenda

Members reviewed the Consent Agenda which contained the Minutes of the November 13, 2023 Finance and Audit Committee meeting. The Chair noted two edits to the Minutes prior to moving to approve the Consent Agenda. Ms. Caldarelli seconded and the Consent Agenda was approved unanimously.

5. Unfinished Business

a. AlexRenew's Winter Quarter Average Discussion

The Committee Chair recognized Mr. Carl who reviewed five options to address customer concerns related to the winter quarter average. The Committee discussed the options. Ms. Caldarelli made a motion to present all options at the next board meeting. The Chair seconded; the Committee unanimously approved.

6. New Business

a. Overview of Financial Planning Process

The Chair recognized Mr. Carl who provided a high-level overview of the financial planning process and then introduced Ms. Feehan who walked through the process in more detail. Ms. Ling and Mr. Boveri provided an overview of the rate model planning cycle and methodology.

There being no additional business, the Chair made a motion to adjourn. Ms. Caldarelli seconded. The Board unanimously approved. The meeting adjourned at 7:02 p.m.

**APPROVED**

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**Finance and Audit Committee Chair**



**AlexRenew**

Finance and Audit Committee Meeting

**FY2025 Preliminary Draft Budget**

March 18, 2024

DRAFT

An aerial photograph of a wastewater treatment plant at dusk. The plant features several large rectangular aeration basins with metal walkways and railings. In the background, a city skyline is visible under a twilight sky with a prominent tower. A large yellow crane is positioned on the left side of the plant.

## Outline of today's presentation

- Background
- FY2023 Audit Recommendations
- FY2025 Preliminary Draft Budget
- 10-Year Capital Improvement Program
- Next Steps
- Questions and Answers

# AlexRenew's Strategic Plan

## Vision

Every drop of water contributes to a thriving community and healthy environment for all

## Mission

Treat wastewater to protect public health and the waterways that connect us

## Strategic Goals

### Operational Excellence

Taking proactive steps to meet current and future challenges

### Thriving Workforce

Investing in our staff and fostering a culture of belonging

### Strategic Partnerships

Promoting watershed-level thinking through collaboration and advocacy

### Environmental Sustainability

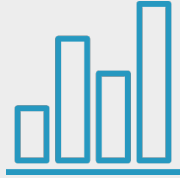
Being good stewards of our resources to minimize our impact on the environment

### Commitment to the Community

Strengthening connections with the public and providing affordable service



# AlexRenew's annual budget is based on sound financial policies guiding its future



Debt Service Coverage – minimum target set at 1.5×



Minimum Reserves – 120 days of operating expenses



PayGo – fund 15 percent of 10-year Capital Improvement Program from cash



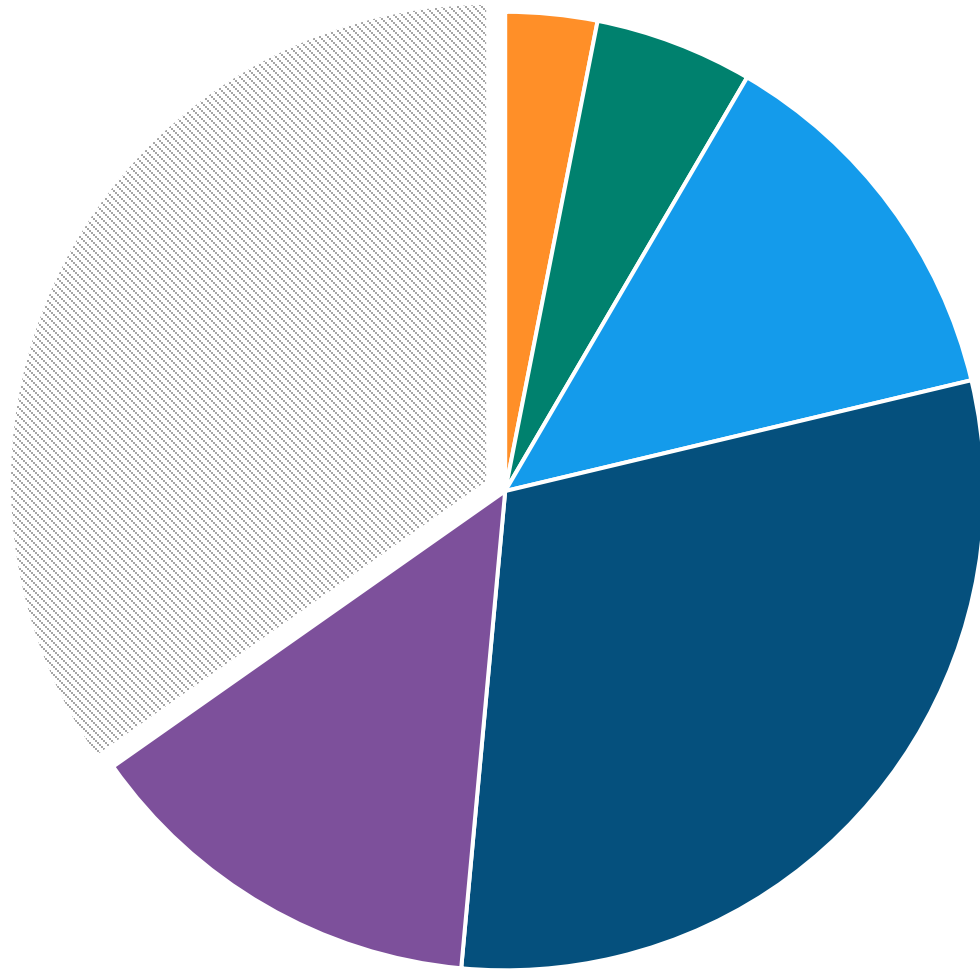
Submit 10-year Capital Improvement Program and 3-year budget forecast

# Summary of FY2023 audit recommendations

Audit Recommendation	Status
Include a secondary reviewer for capital asset additions to avoid invoice duplication	Complete
Maintain alternative capital asset additions documentation if invoices not received on time	Complete
Obtain a detailed aging report from new billing vendor to reconcile to general ledger each month	Complete
Include a secondary reviewer to approve all journal entries	Complete
Monitor on a monthly basis that WIFIA spending does not exceed 49% of total RiverRenew costs	Complete
Develop an unclaimed property listing policy to ensure yearly submission of this report, if needed	Complete
Formalize approach to comply with Governmental Accounting Standards Board (GASB) Statement No. 96 for Subscription-based Information Technology Arrangements	Complete



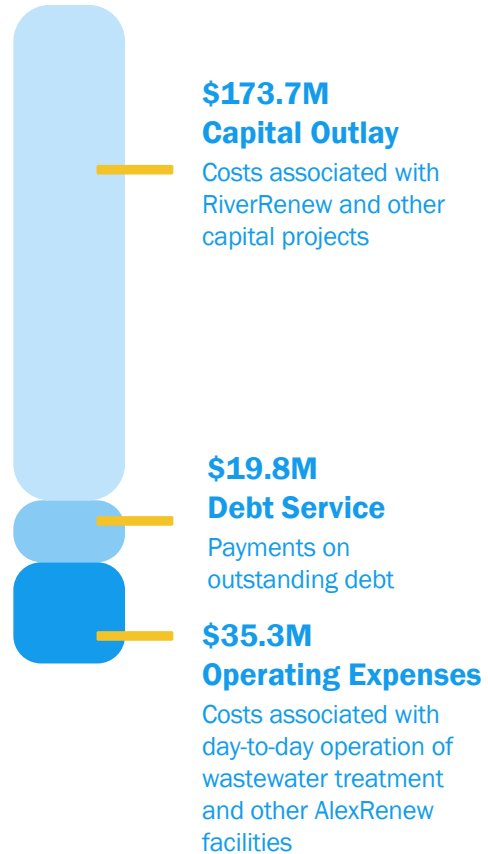
# Breakdown of RiverRenew program spending through January 2024



Source	Spend to Date (\$M)	% of Total Spend to Date
Virginia Clean Water Revolving Loan Fund	\$185.6	46.2%
Water Infrastructure Finance and Innovation Act	\$79.1	19.7%
State Grants	\$84.8	21.1%
PayGo	\$19.0	4.7%
Fairfax Contribution	\$32.9	8.2%
<b>Total Spent to Date</b>	<b>\$401.3</b>	
RiverRenew funds remaining (\$213.8M)		

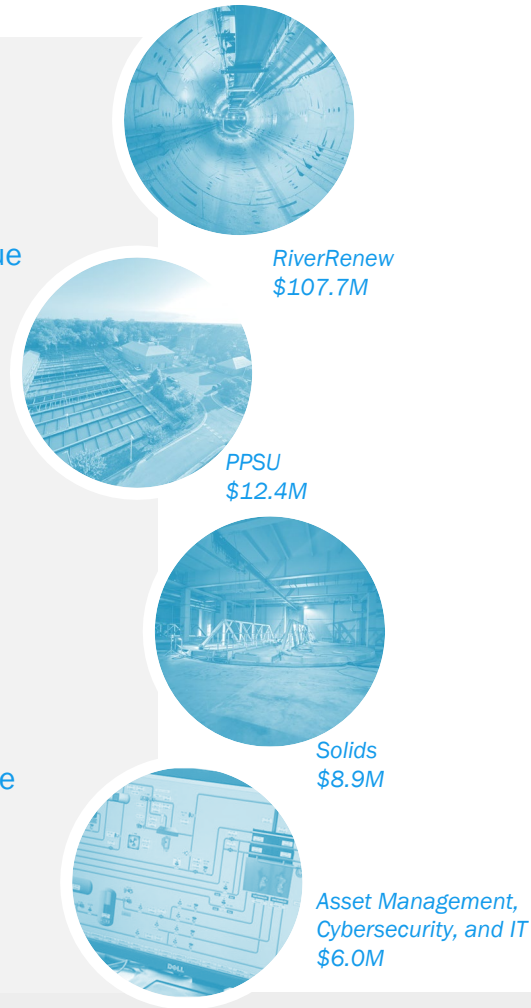
# AlexRenew FY2025 Preliminary Draft Budget Snapshot

## Expenses | \$228.8M

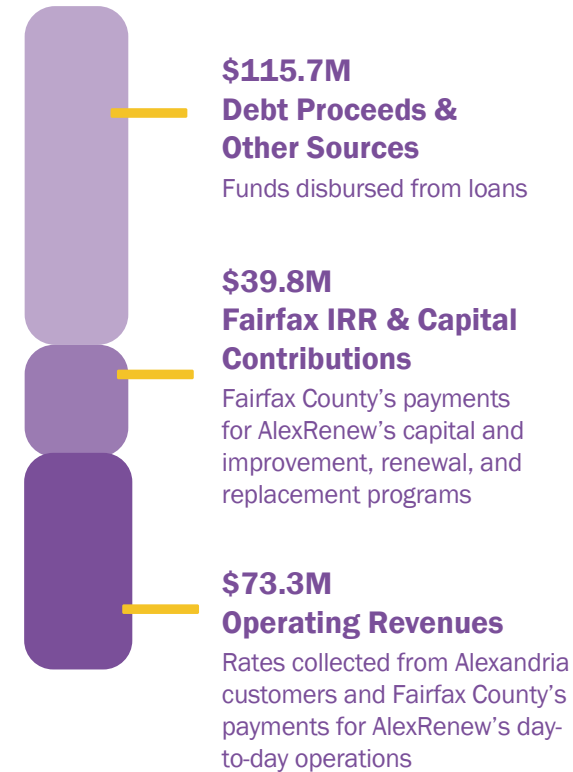


### Initiatives

- 19% decrease in **Capital Outlay** due to RiverRenew spending
- 20% increase in **Debt Service** to support RiverRenew, Solids Upgrade, and PPSU
- 7% increase in **Operating Expenses** to support workforce investments



## Revenues | \$228.8M



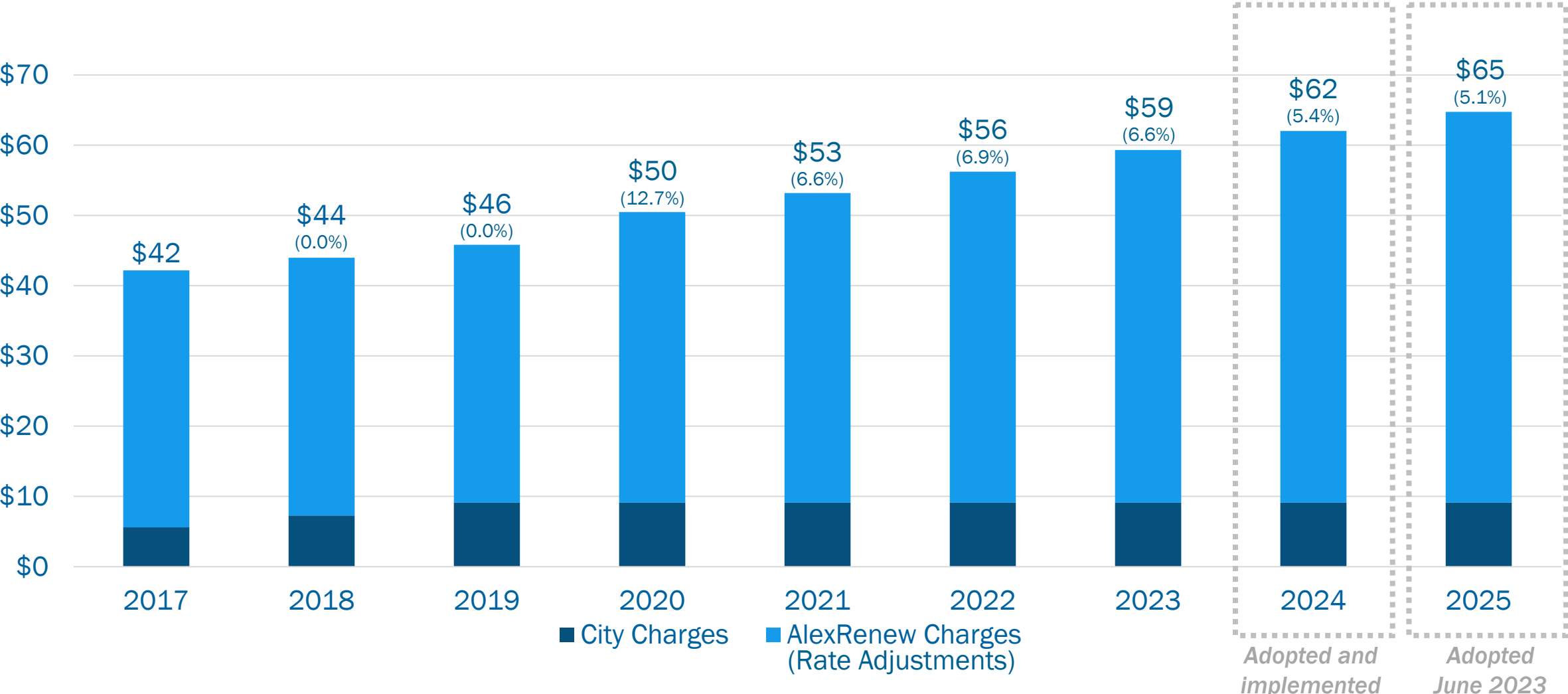
### Initiatives

- 10% increase in **Operating Revenues** due to billed flows returning to pre-pandemic levels and rate increase to support RiverRenew

# FY2025 preliminary draft revenues are primarily driven by debt to support RiverRenew spending

Revenues	FY2024	FY2025	Var%	FY2025 Revenue Drivers
Operating Revenues	\$66.4M	\$73.3M	10.2%	✓ FY2024 actual trend and rate adjustment increase
Fairfax IR&R and Capital Contributions	\$36.4M	\$39.8M	9.4%	✓ Supports RiverRenew spending and new capital projects
Debt Proceeds and Other Sources	\$159.9M	\$115.7M	-27.7%	✓ Supports decrease in RiverRenew spending
<b>Total</b>	<b>\$262.8M</b>	<b>\$228.8M</b>	<b>-12.9%</b>	

# FY2024 and FY2025 rates were adopted in June 2023 to support continued investment in RiverRenew



Notes: (1) Data illustrated by Fiscal Year; (2) 4,000 gallons plus City charge of \$2.28/kgal; (3) % increases apply to only AlexRenew Charges

Per the rates adopted by the Board in 2023, a 5.1 percent rate adjustments will take effect on July 1, 2024

Meter Size	Existing	Adopted FY2025
Base - Residential	\$13.85	\$14.57
Base - Commercial		
5/8"	\$41.55	\$43.68
3/4"	\$41.55	\$43.68
1"	\$103.87	\$109.19
1-1/2"	\$207.74	\$218.38
2"	\$332.39	\$349.41
3"	\$623.23	\$655.14
4"	\$1,038.72	\$1,091.90
6"	\$2,077.43	\$2,183.80
8"	\$3,323.89	\$3,494.08
Flow	\$9.76	\$10.26
<b>AlexRenew Monthly Residential Bill, 4,000 gallons <sup>1</sup></b>	<b>\$52.89</b>	<b>\$55.61</b>
Change in \$	-	\$2.72
Change by %	-	5.1%

<sup>1</sup> Excludes City charge

# As part of the FY2025 budget cycle, AlexRenew is proposing to make minor modifications to its Winter Quarter Average, effective July 1, 2024

**What is the Winter Quarter Average?** The Winter Quarter Average (WQA) is a customer’s average monthly metered water consumption (gallons) over December, January, and February. The WQA is used to set a monthly wastewater billing cap that limits the inclusion of water for outdoor uses, i.e. irrigation, which typically does not enter the wastewater collection system.

	<b>Current Policy</b>	<b>Proposed Policy</b>
<b>Description</b>	<ul style="list-style-type: none"> <li>Two caps: average usage between Dec-Feb or 4,000 gal, whichever is greater</li> </ul>	<ul style="list-style-type: none"> <li>Eliminate 4,000 gal cap</li> <li>Set cap based on average usage between Dec-Feb</li> </ul>
<b>Eligibility requirements</b>	<ul style="list-style-type: none"> <li>Single-family residential</li> </ul>	<ul style="list-style-type: none"> <li>Single-family residential</li> <li>Minimum average usage of 1,000 gal per month (Dec-Feb)</li> <li>Accounts with a zero read in any of the 3 months will not be eligible for winter average</li> <li>Accounts not eligible for winter average are billed based on usage</li> </ul>
<b>New residential customers</b>	<ul style="list-style-type: none"> <li>Bill based on water usage (maximum billed is 4,000 gal per month)</li> </ul>	<ul style="list-style-type: none"> <li>Bill based on water usage until winter average is established (maximum billed is 12,000 gal per month)</li> </ul>
<b>Estimated revenue impact</b>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	<ul style="list-style-type: none"> <li>\$113K decrease in revenue in FY2025</li> </ul>

# FY2025 preliminary draft operating expenses increased to support our personnel, information technology infrastructure, and treatment services

Operating Expenses	FY2024	FY2025	%Var	FY2025 Operating Expenses Increase Drivers
Personnel	\$16.1M	\$17.2M	6.9%	<ul style="list-style-type: none"> <li>Increase primarily due to investments in employees to remain competitive in the market</li> </ul>
Utilities	\$4.2M	\$4.2M	0.2%	<ul style="list-style-type: none"> <li>Remains largely the same as prior year's budget</li> </ul>
Chemicals	\$3.3M	\$3.6M	6.7%	<ul style="list-style-type: none"> <li>Increase due to higher cost</li> </ul>
Operation Maintenance	\$1.1M	\$1.6M	38.1%	<ul style="list-style-type: none"> <li>Reallocation of expenses from other category</li> </ul>
Arlington Sewage Disposal	\$1.5M	\$1.8M	17.8%	<ul style="list-style-type: none"> <li>Increase due a higher operating budget from Arlington</li> </ul>
Sludge Disposal	\$1.3M	\$1.4M	4.9%	<ul style="list-style-type: none"> <li>Remains largely the same as prior year's budget</li> </ul>
General, Admin, Customer Service and Other	\$5.4M	\$5.5M	2.8%	<ul style="list-style-type: none"> <li>Remains largely the same as prior year's budget</li> </ul>
<b>Total</b>	<b>\$33.0M</b>	<b>\$35.3M</b>	<b>6.9%</b>	

# Comparison of FY2024 and preliminary draft FY2025 personnel costs

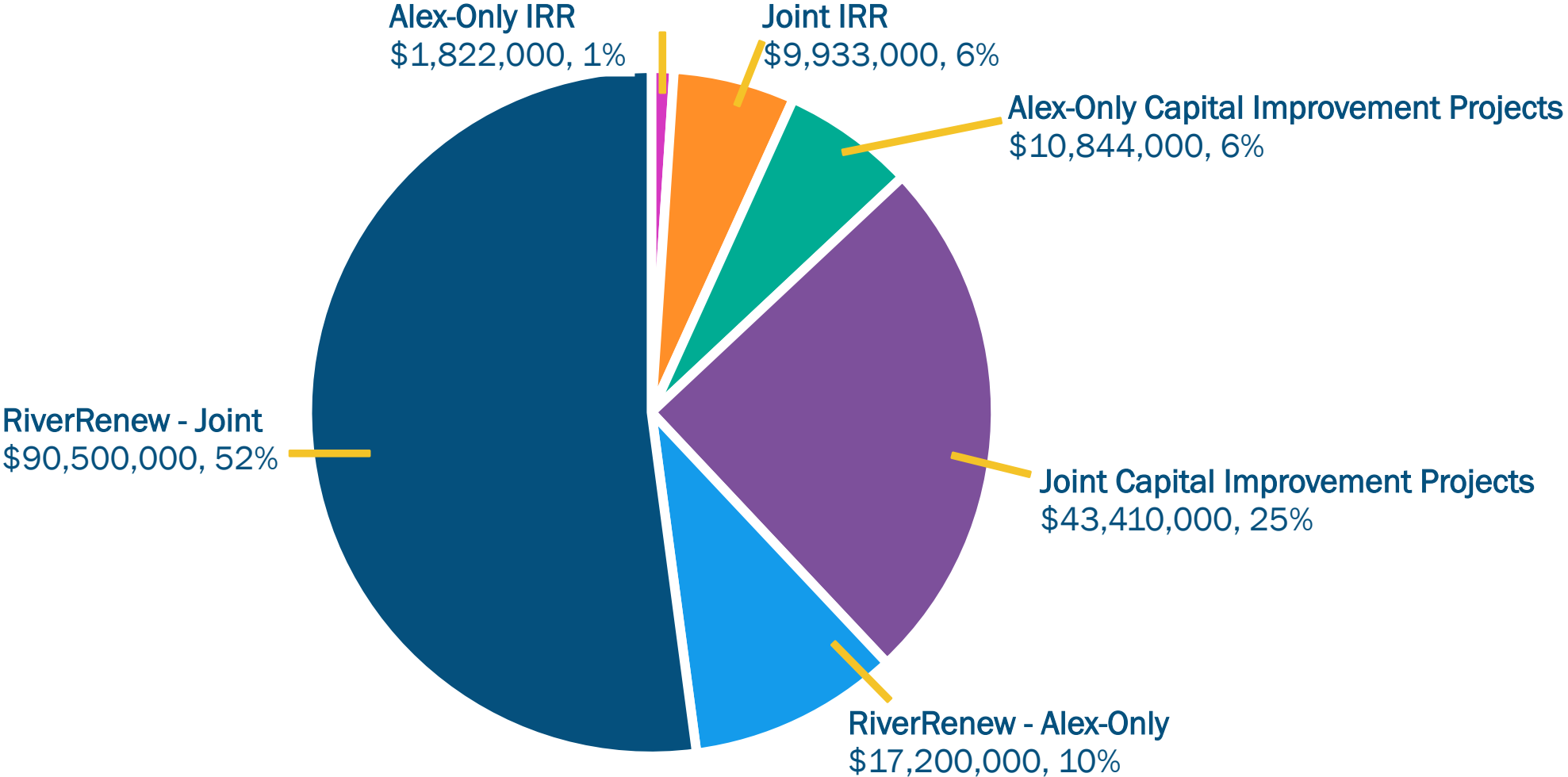
Personal Category	FY2024 Budget	FY2025 Budget	
Full Time Equivalent (FTE)	124.5	125.0	
Salaries and Wages	\$12.2M	\$12.6M	Primarily driven by employee compensation adjustments
Fringe Benefits			
Health & Wellness	\$1.9M	\$2.2M	
Life	\$0.04M	\$0.05M	
Retirement	\$1.1M	\$1.4M	
FICA	\$0.9M	\$1.0M	
Total Fringe Benefits	\$3.9M	\$4.6M	Primarily driven by higher retirement rates
<b>Total Personnel Costs</b>	<b>\$16.1M</b>	<b>\$17.2M</b>	



# FY2025 preliminary draft capital outlay decreased from prior year due to RiverRenew spending

Capital Outlay*	FY2024	FY2025	%Var	FY2025 CIP Drivers
IRR – Alex Only	\$0.2M	\$1.8M	997.6%	<ul style="list-style-type: none"> <li>• Supports collection system projects</li> </ul>
IRR - Joint	\$10.7M	\$9.9M	-6.7%	<ul style="list-style-type: none"> <li>• Offset to CIP for major upgrades on solids, preliminary, and primary systems</li> </ul>
CIP – General (Alex Only)	\$8.2M	\$10.8M	32.5%	<ul style="list-style-type: none"> <li>• Remains relatively flat to prior year’s budget</li> </ul>
CIP – General (Joint)	\$31.2M	\$43.4M	39.2%	<ul style="list-style-type: none"> <li>• Solids Upgrades Program, PPSU, Tertiary Filter Upgrades, and Information Technology projects,</li> </ul>
CIP – RiverRenew – Alex Only	\$69.7M	\$17.2M	-75.3%	<ul style="list-style-type: none"> <li>• Project nearing completion</li> </ul>
CIP – RiverRenew – Joint	\$92.5M	\$90.5M	-2.2%	<ul style="list-style-type: none"> <li>• Project nearing completion</li> </ul>
<b>Total</b>	<b>\$212.5M</b>	<b>\$173.7M</b>	<b>-18.2%</b>	

# AlexRenew's preliminary draft FY2025 capital expenditures continue to be largely driven by RiverRenew



# Solids Upgrade Program Overview

- Upgrade solids processes to improve reliability and plan AlexRenew's solids future
- FY2025 work:
  - Construction Manager At-Risk (CMAR) procurement
  - Final design and preconstruction services (CMAR)
  - Evaluation of long-term recommendations
- Budget:
  - FY2025 – \$8.9 million
  - Total capital – \$202.4 million
- Schedule: FY2022-2034

# Preliminary and Primary System Upgrades Project Overview

- Upgrade the existing preliminary and primary treatment processes to improve operational performance and reliability
- FY2025 work:
  - Construction Manager At-Risk (CMAR) procurement
  - Final design and preconstruction services (CMAR)
- Budget:
  - FY2025 – \$12.4 million
  - Total capital – \$84.5 million
- Schedule: FY2021-2029

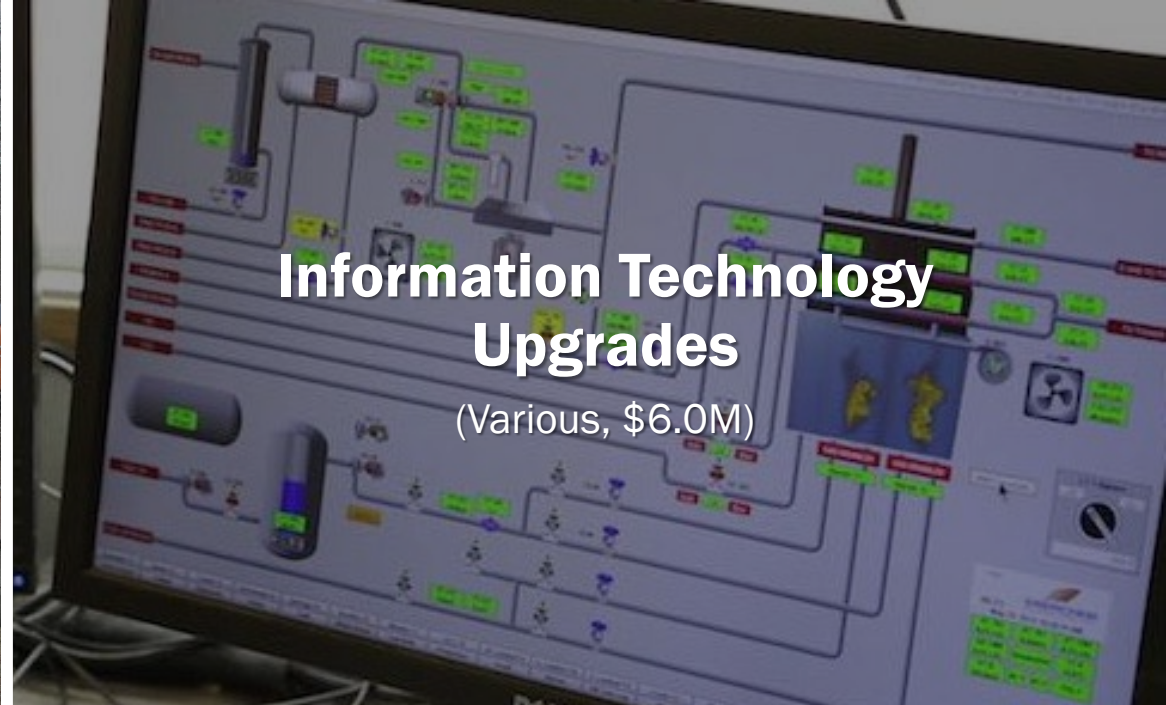
Additional  
major FY2025  
AlexRenew  
capital  
projects

Note: Phase and spend  
reflective of FY2025



**Holmes Run Trunk  
Sewer Rehab**

(Design, \$2.0M)



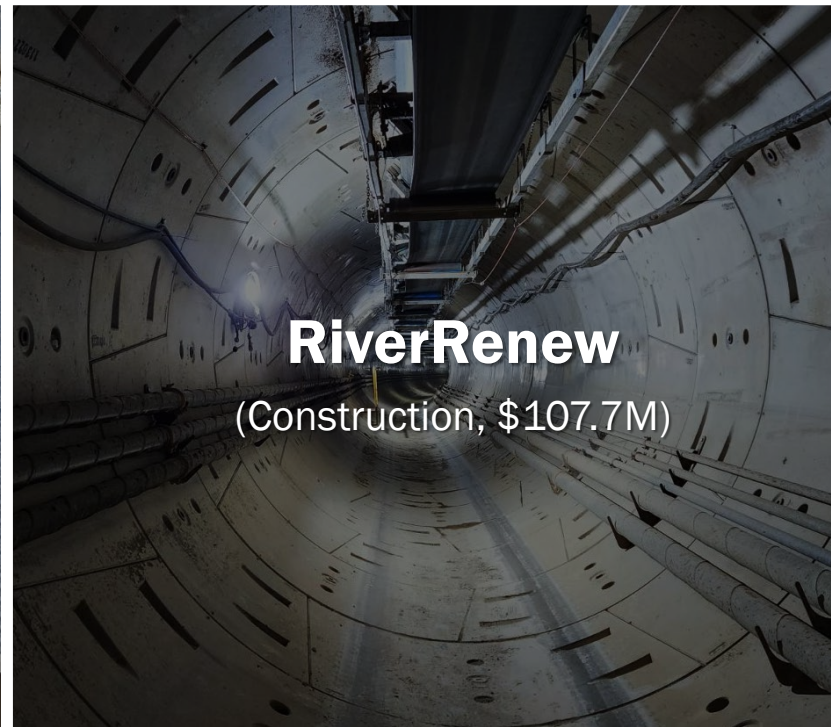
**Information Technology  
Upgrades**

(Various, \$6.0M)



**Tertiary System  
Upgrades**

(Design, \$0.5M)



**RiverRenew**

(Construction, \$107.7M)



**Commonwealth  
I/I Study**

(Study, \$1.7M)

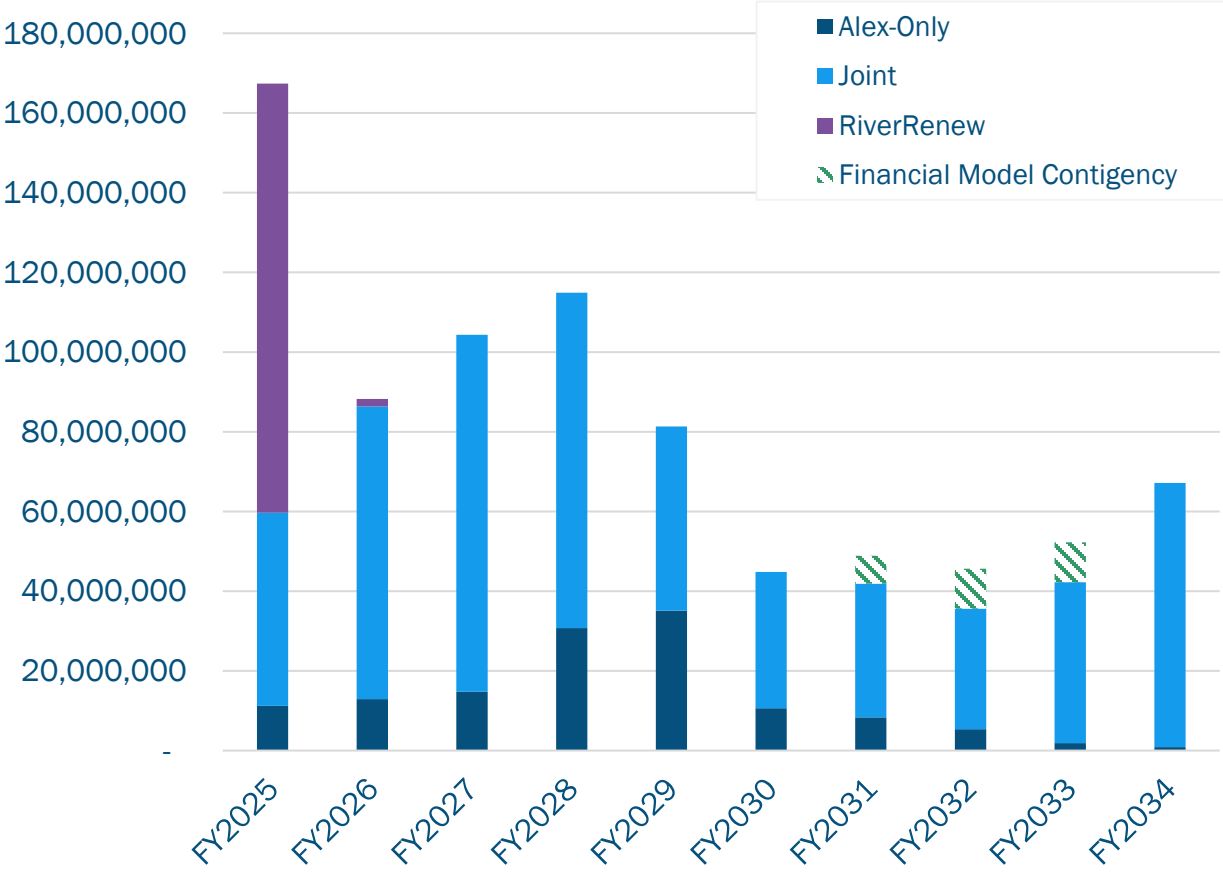
# Summary of major projects included in AlexRenew’s 10-year Capital Improvement Program

Project	Capital Cost (millions)	FY2025 Phase	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	
RiverRenew	\$615.0	Construction	█										
Commonwealth Interceptor	\$72.2	Study	█										
Solids Upgrades	\$202.4	Design, preconstruction	█										
PPSU	\$84.5	Design, preconstruction	█										
Tertiary Upgrades	\$35.6	Design	█										
Holmes Run Trunk Sewer	\$14.5	Design	█										
Potomac Interceptor Rehab	\$14.8	Design	█										
WRRF Electrical Upgrades	\$80.0	Planning	█										
WRRF HVAC Upgrades	\$14.5	Planning					█						
Climate Change Program	\$13.5	Study	█								█		
4 MGD WRRF Expansion	\$23.0	Study	█								█		

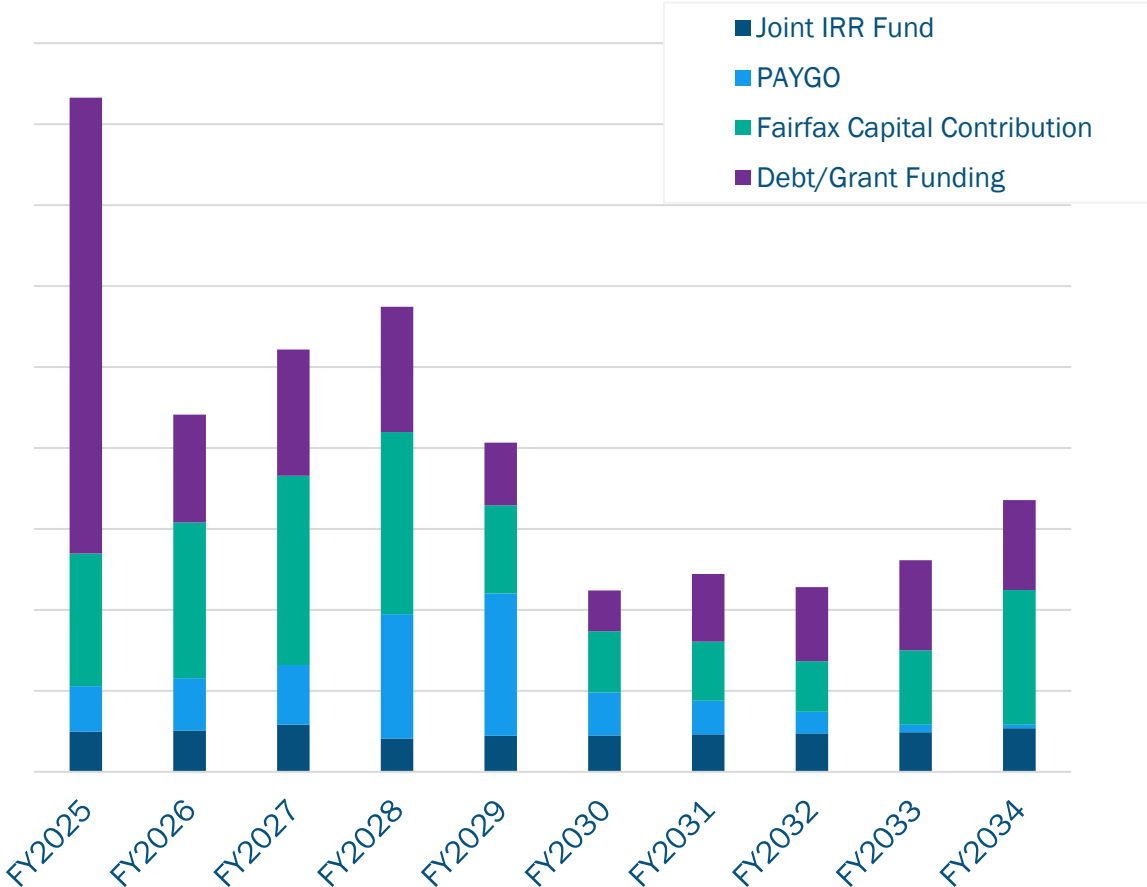
Note: Schedule generalized and subject to change

# AlexRenew 10-year Capital Improvement Program expenses and funding sources

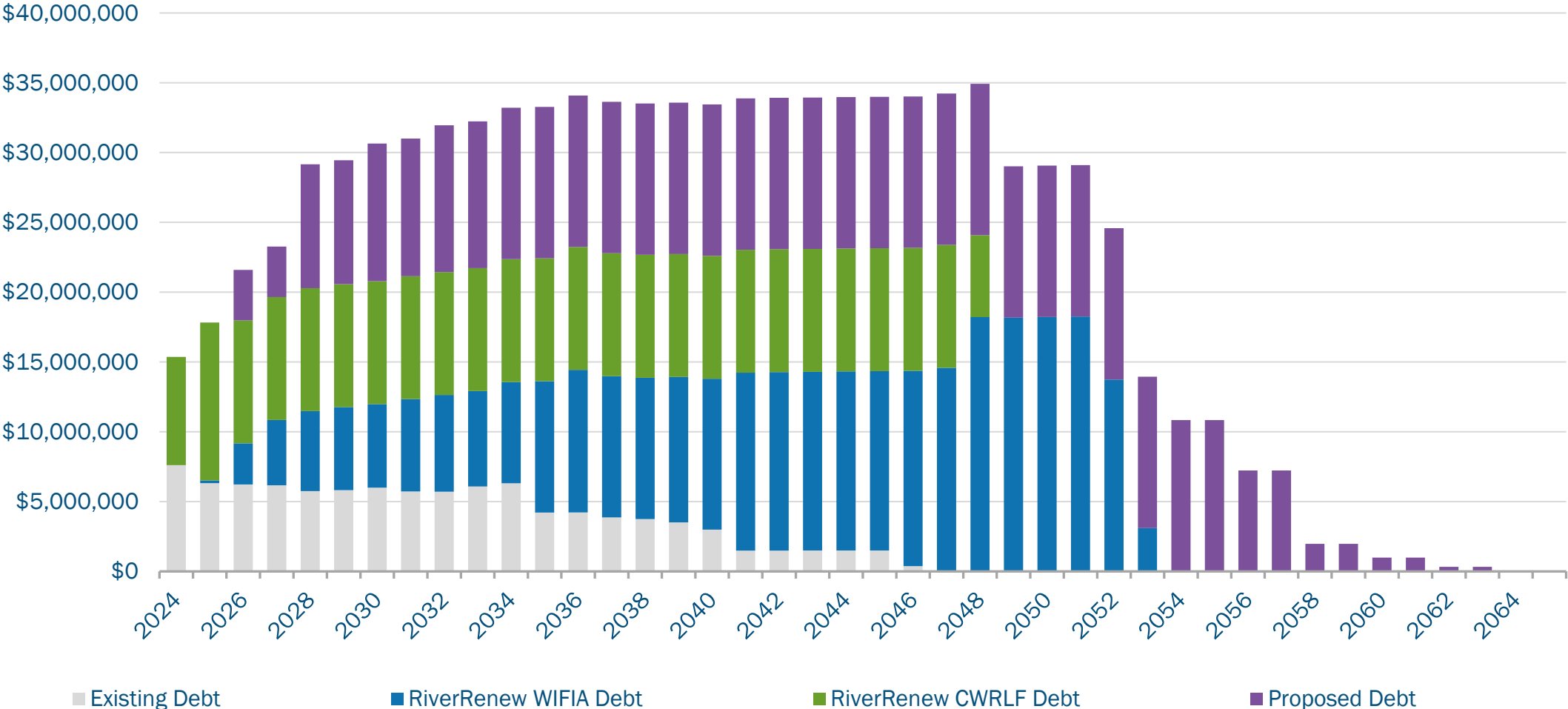
Expenses



Funding Sources



# In FY2025, AlexRenew is proposing to issue \$70 million of new debt to fund capital projects to upgrade aging infrastructure and improve reliability at the WRRF





# Next Steps

## March

### 18 Finance & Audit Committee Meeting

Review Preliminary Draft Budget and proposed Winter Quarter Average Policy adjustments

### 19 Board Meeting

Finance & Audit Committee recommends Preliminary Draft Budget and proposed Winter Quarter Average Policy adjustments to the Board

## April

### 16 Board Meeting

Approve Draft Budget and proposed Winter Quarter Average Policy adjustments for public notice

Post notice for a public hearing to receive comments

## May

### 18 Draft Budget Public Hearing

Present Draft Budget and proposed Winter Quarter Average Policy adjustments to receive comments

### 21 Board Meeting

Board will consider documents for the anticipated bond sale

## June

### 18 Board Meeting

Approve Final Budget and Winter Quarter Average Policy adjustments



**AlexRenew**

To learn more, visit [alexrenew.com](https://alexrenew.com)



FISCAL YEAR 2025

# Operating and Capital Budget

July 1, 2024 – June 30, 2025  
Alexandria, Virginia

FY2025 Preliminary Draft Budget – March 18, 2024

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 Appendix C. 10-Year Capital Improvement and IRR Programs – Summary and Project Sheets	

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**AlexRenew Board of Directors**

John B. Hill, Chair  
James Beall, Vice Chair  
Adriana Caldarelli, Secretary-Treasurer  
Mark Jinks, Member  
Rebecca Hammer, Member

**Fairfax County Representative to the Board**

Shahram Mohsenin, PE

**City of Alexandria Representative to the Board**

Erin Bevis-Carver, PE

**Executive and Financial Staff**

Justin Carl, PE, General Manager and Chief Executive Officer  
Caitlin Feehan, PE, Chief Administrative Officer  
Lake Akinkugbe, Director of Finance

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## FY2025 Operating and Capital Budget Executive Summary

AlexRenew plays a vital role in building a healthier, more resilient community. Investing in wastewater infrastructure, supporting local businesses, and creating jobs each year enables AlexRenew to uphold the highest standards of operations and deliver on its mission to protect public health and the waterways that connect us.

The proposed fiscal year (FY) 2025 Draft Preliminary Operating and Capital Budget is \$228.8 million to ensure sufficient resources for daily operations and ongoing investments for AlexRenew’s infrastructure. The budget was developed in alignment AlexRenew’s financial policies and agreements and reflects a high level of service to our stakeholders. Figure ES.1 summarizes the FY2025 expenses and revenues.

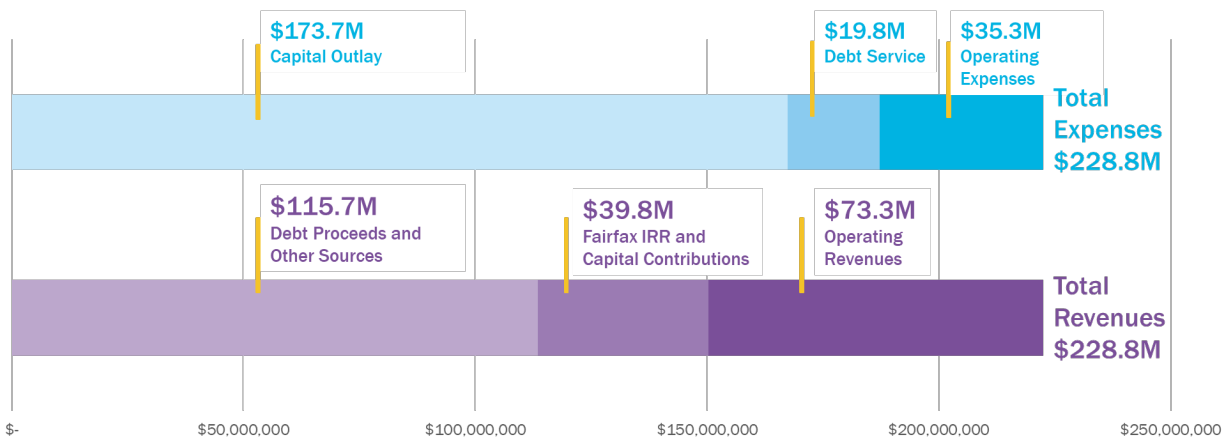


Figure ES.1. FY2025 Expenses and Revenues

### ES.1 FY2025 Expenses

The majority of FY2025 expenses are related to capital outlay which includes \$107.7 million in spending to support the ongoing RiverRenew program. Additionally, AlexRenew is beginning several long-term projects to support necessary upgrades to the AlexRenew’s wastewater treatment plant, which include:

- Solids Upgrade Program.** A program to address short-term operational reliability and long-term planning for AlexRenew’s solids processes. In FY2025, AlexRenew will invest \$8.9 million in design and preconstruction phase services for a construction manager at-risk contract and continue long-term planning for AlexRenew’s solids future.
- Preliminary and Primary Systems Upgrade (PPSU).** A project to upgrade the existing preliminary and primary treatment processes to improve operational performance and reliability. In FY2025, AlexRenew will invest \$12.4 million in design and preconstruction phase services for a construction manager at-risk contract.
- Tertiary System Upgrades.** A project to repair and upgrade the tertiary filters and settling tanks. In FY2025, AlexRenew will invest \$0.5 million in design phase services.
- Information Technology (IT) Infrastructure Upgrades.** A program to improve the cybersecurity of AlexRenew and to upgrade AlexRenew’s asset management software. In FY2025, AlexRenew will invest \$6.0 million in continued upgrades to AlexRenew’s IT infrastructure and

asset management software.

These four projects combined with RiverRenew account for more than 50 percent of all expenses. These projects are primarily funded through federal loans and public bonds, which is represented in the budget under Debt Proceeds and Other Sources. For FY2025, AlexRenew will continue to draw on the \$321 Water Infrastructure Finance and Innovation Act (WIFIA) loan and the remaining \$90 million American Rescue Plan grant. AlexRenew also anticipates issuing new debt (approximately \$70M) to support funding for the Solids Upgrade Program and PPSU project.

AlexRenew anticipates continued use of its three Job Order Contracts for ongoing repairs and improvements to AlexRenew’s assets through the \$11.8 million Improvement, Renewal, and Replacement (IRR) program.

The FY2025 operating expenses are \$35.3 million, representing a 6.9 percent year-over-year increase. The increase is largely driven by the anticipated 6.9 percent investment in employee compensation, supported by a compensation study that AlexRenew conducts every two years.

## **ES.2 FY2025 Revenues**

The anticipated operating revenue for FY2025 is \$73.3 million, up 10.2 percent from the FY2024 budget. The increase is a result of billed flows returning to pre-pandemic levels and the adopted rate increase for FY2025, primarily to support the RiverRenew program. The FY2025 rate increase was adopted by AlexRenew’s Board of Directors (Board) as part of the FY2024 budget process and includes a 5.1 percent increase to AlexRenew’s wastewater treatment charge.

# 1 Understanding the Budget

AlexRenew’s budget is a financial instrument to ensure that AlexRenew has the financial resources to efficiently construct, operate, and maintain its assets to comply with state and federal law. Current operating expenses and capital outlay are estimates based on experience and judgment related to cost trends in labor, materials, and services required to operate and maintain AlexRenew’s facilities.

AlexRenew builds its budget from internal policies, its by-laws, and third party agreements. These documents are further discussed in the following subsections.

## 1.1 Master Indenture of Trust

The Indenture is a legal agreement that mandates how AlexRenew will collect and use its revenues for operations, maintenance, and capital expenses. It sets requirements for the funds that are used for specific revenues, including requiring that wastewater treatment charges collected from Alexandria customers be deposited in a Revenue Fund. This document also requires operating expense payments that are made by Fairfax County to AlexRenew, for its reserved capacity in the wastewater treatment plant, are deposited in the Revenue Fund. Table 1.1 serves as a glossary that can be used to better understand the purpose, order of priority, and funding method for each of the Funds and Accounts established in the Indenture.

**Table 1.1.** Flow of Funds in the Master Indenture of Trust

Funds	Description
Revenue Fund	Revenues <sup>1</sup> are initially deposited to the Revenue Fund and then transferred to other funds in the following order of priority.
Operating Fund	Revenues are then deposited to the Operating Fund to pay operating expenses. At the end of each month, AlexRenew must ensure that 1/6 <sup>th</sup> (or 60 days) of annual budgeted operating expenses is deposited into the Operating Fund.
Bond Fund	Revenues are then deposited to the Bond Fund in order to pay debt service payments.
Debt Service Reserve Fund	Any required transfers to the debt service reserve account must be made.
Joint IRR <sup>2</sup> Fund	Revenues are then deposited to the Joint IRR Fund to meet required Joint IRR transfers per Fairfax Agreement.
General IRR <sup>2</sup> Fund	Revenues are then deposited to the General IRR Fund to meet required Alex-only specific IRR needs.
General Fund	Any remaining revenues are deposited within the General Fund.

<sup>1</sup>Revenues means all revenues, receipts, and other income derived or received by AlexRenew from owning and operating its system. This primarily includes AlexRenew Wastewater Treatment Charges and Fairfax County operating expense charges.

<sup>2</sup>Improvement, Renewal, and Replacement

## 1.2 AlexRenew’s Financial Policy

AlexRenew’s Board-approved financial policy guides AlexRenew’s financial management, capital planning, and debt financing. The annual budget is structured to comply with requirements established in the financial policy, including:

- Maintain a combined 120 days of reserves in the Operating Fund and General Reserve Sub-Fund;
- Ensure that revenues available to pay debt service are at least equal to 1.50 times the amount of debt service due in any fiscal year; and

- Fund the 10-year Capital Improvement Program with at least 15 percent cash and reserves. (PAYGO).

### 1.3 Fairfax County Service Agreement

Fairfax County makes payments to AlexRenew under an amended and restated service agreement dated October 1, 1998 (Fairfax County Service Agreement). In accordance with the Fairfax County Service Agreement, Fairfax County pays a percentage of operations and maintenance expenses based upon sewer flow volume to AlexRenew’s wastewater treatment plant. Fairfax County also contributes to the IRR program and Capital Improvement Program (CIP), at predetermined levels, to allow for the upgrade and replacement of capital assets as they depreciate, and the acquisition of new assets associated with regulatory compliance.

### 1.4 Arlington County Service Agreement

The Arlington County Service Agreement is similar to the Fairfax County Service Agreement. This legal document, dated July 1, 1977, establishes the amount and timing for monies paid by AlexRenew to Arlington County for agreed-upon capacity at the Arlington County Water Pollution Control Plant that treats wastewater flows from the northwestern quadrant of the city.

### 1.5 Fairfax County Cost Share Memorandum of Understanding for RiverRenew Facilities

Fairfax County and AlexRenew established a memorandum of understanding between Fairfax County and AlexRenew, dated October 6, 2020, to define the cost share for RiverRenew facilities. The division of costs is incorporated into the RiverRenew capital funding as shown in the CIP.

### 1.6 Budget Timeline

AlexRenew uses a fiscal year cycle ending June 30. The FY2025 Operating and Capital Budget will encompass the 12-month period from July 1, 2024 – June 30, 2025. AlexRenew develops the budget during the prior fiscal year before it undergoes review by the Board and the public.

The timeline for the FY2025 Operating and Capital Budget is as follows:

- **March 18.** Finance & Audit Committee reviews the FY2025 Preliminary Draft Operating and Capital Budget at the March Finance & Audit Committee Meeting.
- **March 19.** Finance & Audit Committee recommends the FY2025 Preliminary Draft Operating and Capital Budget to the Board at its March Board meeting.
- **April 16.** The Board approves the FY2025 Draft Operating and Capital Budget for public notice and sets the public hearing.
- **May 18.** Board and staff present the FY2025 Draft Operating and Capital Budget at a public hearing to receive comments.
- **June 18.** Board approves Final FY2025 Operating and Capital Budget at its June Board meeting.

## 2 AlexRenew’s Strategic Plan

During the January 2024 Board Retreat, AlexRenew’s Board refreshed the vision, mission, and strategic goals for the organization. This refresh culminated in a new strategic plan for 2024-2029 developed by staff. AlexRenew’s FY2025 Operating and Capital Budget aligns with AlexRenew’s Strategic Plan 2024-2029 which lays out the direction and goals of the organization and guidelines for actions to achieve those goals. The strategic goals are integrated into AlexRenew’s daily operations, challenging the team to build a more resilient, sustainable, and equitable organization.

AlexRenew’s vision is “Every drop of water contributes to a thriving community and healthy environment for all.” Its mission is to “Treat wastewater to protect public health and the waterways that connect us.” Its refreshed strategic goals are:

- **Operational Excellence.** Taking proactive steps to meet current and future challenges
- **Thriving Workforce.** Investing in our staff and fostering a culture of belonging
- **Strategic Partnerships.** Promoting watershed-level thinking through collaboration and advocacy
- **Environmental Sustainability.** Being good stewards of our resources to minimize our impact on the environment
- **Commitment to the Community.** Strengthening connections with the public and providing affordable service

### 3 Overview of FY2025 Operating and Capital Budget

AlexRenew begins its annual budget presentation by preparing a summary that combines all the estimated sources (revenues) and uses of funds (expenses) for the upcoming fiscal year. The primary purpose for this summary is to demonstrate that the overall FY2025 Operating and Capital Budget is in “structural” balance – which means all of the revenues and expenses are consistent with the historical financial performance, all balances that remain in the prescribed funds and accounts meet stated requirements, and if total revenues exceed total expenses, any potential excess funds are deposited in the General Fund to serve as reserves.

Tables 3.1 and 3.2 summarize the revenues and expenses associated with AlexRenew’s FY2025 Operating and Capital Budget, which total \$228.8 million, a 12.9 percent decrease compared to the prior year.

**Table 3.1.** Summary of FY2025 Revenues

Revenue Categories		Adopted FY2024	Proposed FY2025	Annual Variance (%)
Operating Revenues	Wastewater Treatment Charges	\$53,672,299	\$60,420,321	12.6%
	Fairfax County Operating Expense Charge	\$12,796,021	\$12,838,293	0.3%
	<i>Subtotal</i>	\$ 66,468,320	\$73,258,614	10.2%
Fairfax IRR and Capital Contributions	Fairfax County IRR Contribution	\$3,723,671	\$3,901,296	4.8%
	Fairfax County Capital Contribution	\$32,696,130	\$35,951,776	10.0%
	<i>Subtotal</i>	\$36,419,800	\$39,853,072	9.4%
Debt Proceeds and Other Sources	Parity Debt Proceeds	\$153,652,896	\$112,618,224	-26.7%
	Interest Income	\$115,000	\$900,000	682.6%
	Use of Fund Balances	\$6,155,291	\$2,160,665	-64.9%
	<i>Subtotal</i>	\$159,923,187	\$115,678,890	-27.7%
<b>Total Revenues</b>		<b>\$262,811,307</b>	<b>\$228,790,576</b>	<b>-12.9%</b>

**Table 3.2.** Summary of FY2025 Expenses

Expense Categories		Adopted FY2024	Proposed FY2025	Annual Variance (%)
Operating and Maintenance Expenses	Personnel	\$16,094,350	\$17,210,991	6.9%
	Utilities	\$4,238,000	\$4,248,000	0.2%
	Chemicals	\$3,347,500	\$3,571,000	6.7%
	Operations/ Maintenance	\$1,145,250	\$1,581,255	38.1%
	Arlington Sewage Disposal	\$1,528,443	\$1,800,000	17.8%
	Sludge Disposal	\$1,298,000	\$1,362,000	4.9%
	General, Admin, Cust. Service and Other	\$5,372,050	\$5,522,348	2.8%
	<i>Subtotal</i>	\$33,023,593	\$35,295,594	6.9%
Debt Service	Parity Debt Service	\$16,448,494	\$19,784,682	20.3%
Capital Outlay	Joint IRR	\$10,652,748	\$9,933,900	-6.7%
	Alex-only IRR	\$166,000	\$1,822,000	997.6%
	Fund Balance Additions	\$876,587	-	-100.0%
	RiverRenew	\$162,278,264	\$107,700,000	-33.6%
	General CIP (Alex-only)	\$8,183,100	\$10,844,400	32.5%
	General CIP (Joint)	\$31,182,521	\$43,410,000	39.2%
<i>Subtotal</i>	\$213,339,220	\$173,710,300	-18.6%	
<b>Total Expenses</b>		<b>\$262,811,307</b>	<b>\$228,790,576</b>	<b>-12.9%</b>

### **3.1 Operating Revenues**

Operating revenues comprise the rates collected from Alexandria customers and Fairfax County's payments for AlexRenew's day-to-day operations. The projected Operating Revenue for FY2025 is \$73.3 million, up 10.2 percent from the prior year budget. In June 2023, the Board approved a 5.1 percent rate increase for FY2025, primarily to support funding for the RiverRenew program. The anticipated increase in Operating Revenues is a result of the adopted rate increase and billed flows returning to pre-pandemic levels. Further detail on AlexRenew's FY2025 rates is included in Section 4.

### **3.2 Fairfax IRR and Capital Contributions**

In accordance with the Fairfax County Service Agreement, Fairfax County contributes to the IRR program and CIP, at predetermined levels, to allow for the upgrade and replacement of capital assets as they depreciate, and the acquisition of new assets associated with regulatory compliance. The projected Fairfax IRR and Capital Contributions for FY2025 is \$39.9 million, up 9.4 percent from the prior year budget.

### **3.3 Debt Proceeds and Other Sources**

Debt proceeds and other sources include loans, grants, interest income, miscellaneous revenue, and cash reserves. This component of the budget is primarily comprised of funding from grants and loans as AlexRenew's CIP projects progress. The projected FY2025 Debt Proceeds and Other Sources budget is \$115.7 million, decreasing 27.7 percent from the prior year budget. The decrease is primarily due to the RiverRenew project nearing its completion date.

### **3.4 Operating and Maintenance Expenses**

Operating and maintenance expenses represent the costs associated with day-to-day operation of wastewater treatment and other AlexRenew facilities. The proposed FY2025 Operating and Maintenance Expenses are \$35.3 million, representing a 6.9 percent year-over-year increase. The increase is largely driven by the anticipated 6.9 percent investment in employee compensation, supported by a compensation study that AlexRenew conducts every two years.

Personnel costs represent 49 percent of the operating expenses. As shown Table 3.3, the FY2025 operating budget projects a slight increase in headcount compared to the FY2024 Approved Budget

**Table 3.3. Full Time Equivalent (FTE) Summary**

Department	Adopted FY2024	Proposed FY2025	FTE Impact
Executive	3.0	4.0	1.0
Finance	9.0	9.0	-
Strategy & Policy	5.0	5.0	-
Laboratory	7.5	7.0	-0.5
Communications	7.0	7.0	-
Operations & Maintenance	72.0	72.0	-
Engineering & Planning	5.0	5.0	-
Information Systems	10.0	10.0	-
Human Resources	6.0	6.0	-
<b>Total</b>	<b>124.5</b>	<b>125.0</b>	<b>0.5</b>

### 3.5 Debt Service

Debt Service is the annual money required to pay the principal and interest on outstanding debt. The FY2025 Debt Service budget is \$19.8 million, up 20.3 percent from the prior year primarily due to funds borrowed for the ongoing RiverRenew project.

### 3.6 Capital Outlay

The proposed FY2025 Capital Outlay is projected to be \$173.7 million. The expenditures primarily include funding for the Solids Upgrade Program, Preliminary and Primary Systems Upgrade project, Tertiary System Upgrades project, and IT Infrastructure Upgrades project. AlexRenew also anticipates continued use of its three Job Order Contracts for ongoing repairs and improvements to AlexRenew’s assets through the \$11.8 IRR program.

Table 3.4 provides a summary of the CIP/IRR program for FY2025.

**Table 3.4. FY2025 CIP/IRR Program Summary (\$M)**

Summary of Capital Expenses		Adopted FY2024	Proposed FY2025	% Change
IRR Program	Alex-only IRR	\$0.2	\$1.8	997.6%
	Joint IRR	\$10.7	\$9.9	-6.7%
	<i>Subtotal</i>	<b>\$10.8</b>	<b>\$11.8</b>	<b>8.7%</b>
CIP – General	Alex-only CIP	\$8.2	\$10.8	32.5%
	Joint CIP	\$31.2	\$43.4	39.2%
	<i>Subtotal</i>	<b>\$39.4</b>	<b>\$54.3</b>	<b>37.8%</b>
CIP – RiverRenew	RiverRenew Tunnel	\$162.3	\$107.7	-33.6%
	<i>Subtotal</i>	<b>\$162.3</b>	<b>\$107.7</b>	<b>-33.6%</b>
<b>Total CIP/IRR Program Expenditures</b>		<b>\$212.5</b>	<b>\$173.7</b>	<b>-18.2%</b>



## 4 Three (3) Year Budget Forecast

Each year, AlexRenew also presents a three (3) year budget forecast of anticipated revenues and expenses to comply with its financial policy. Tables 4.1 and 4.2 below present the budget forecast for the next three years, including FY2025.

**Table 4.1.** Three (3) Year Budget Forecast – Revenues

Revenue Categories		Proposed FY2025	Estimated FY2026	Estimated FY2027
Operating Revenues	Wastewater Treatment Charges	\$60,420,321	\$63,513,841	\$66,670,479
	Fairfax County Operating Expense Charge	\$12,838,293	\$13,223,632	\$13,620,534
	<i>Subtotal</i>	\$73,258,614	\$76,737,473	\$80,291,014
Fairfax IRR and Capital Contributions	Fairfax County IRR Contribution	\$3,901,296	\$4,078,922	\$9,171,556
	Fairfax County Capital Contribution	\$35,951,776	\$50,456,329	\$58,049,772
	<i>Subtotal</i>	\$39,853,072	\$54,535,250	\$67,221,328
Debt Proceeds and Other Sources	Parity Debt Proceeds	\$112,618,224	\$26,633,671	\$31,180,228
	Interest Income	\$900,000	\$900,000	\$900,000
	Use of Fund Balances	\$2,160,665	\$9,949,615	\$1,640,926
	<i>Subtotal</i>	\$115,678,890	\$37,483,286	\$33,721,154
<b>Total Revenues</b>		<b>\$228,790,576</b>	<b>\$168,756,010</b>	<b>\$181,233,495</b>

**Table 4.2.** Three (3) Year Budget Forecast – Expenses

Expense Categories		Proposed FY2025	Estimated FY2026	Estimated FY2027
Operating and Maintenance Expenses	Personnel	\$17,210,991	\$17,727,321	\$18,259,140
	Utilities	\$4,248,000	\$4,375,440	\$4,506,703
	Chemicals	\$3,571,000	\$3,678,130	\$3,788,474
	Operations/ Maintenance	\$1,581,255	\$1,628,693	\$1,677,553
	Arlington Sewage Disposal	\$1,800,000	\$1,854,000	\$1,909,620
	Sludge Disposal	\$1,362,000	\$1,402,860	\$1,444,946
	General, Admin, Cust. Service and Other	\$5,522,348	\$5,688,018	\$5,858,659
	<i>Subtotal</i>	\$35,295,594	\$36,354,461	\$37,445,095
Debt Service	Parity Debt Service	\$19,784,682	\$18,118,989	\$18,419,716
Capital Outlay	Joint IRR	\$9,933,900	\$10,222,800	\$11,642,943
	Alex-only IRR	\$1,822,000	\$469,760	\$708,941
	Fund Balance Additions	-	-	-
	CIP – RiverRenew	\$107,700,000	\$1,900,000	-
	CIP – General (Alex-only)	\$10,844,400	\$18,690,000	\$16,266,800
	CIP – General (Joint)	\$43,410,000	\$83,000,000	\$96,750,000
<i>Subtotal</i>	\$173,710,300	\$114,282,560	\$125,368,684	
<b>Total Expenses</b>		<b>\$228,790,576</b>	<b>\$168,756,010</b>	<b>\$181,233,495</b>

Tables 4.3 and 4.4 demonstrate AlexRenew’s financial profile according to the budget projections, as measured by its two major financial metrics – cash reserves and debt service coverage.

As it relates to liquidity, AlexRenew’s Indenture requires it to maintain at least 60 days cash on hand in the Operating Fund and an additional 60 days cash on hand in the General Reserve sub-fund, for a total cash reserve requirement of at least 120 days of operating expenses. As it relates to debt service

coverage, AlexRenew’s Indenture requires that net revenues cover annual debt service payments by 1.1x while the Financial Policies require a more stringent 1.5x. In both cases, the proposed FY2025 budget forecasts compliance with these policies and indicates a healthy financial profile.

**Table 4.3. Summary of Compliance with Indenture and Financial Policy – Cash Reserves**

Indenture and Financial Policy Compliance	Adopted FY2024	Proposed FY2025	Estimated FY2026	Estimated FY2027
Operating Fund	\$5,428,536	\$5,802,015	\$6,474,082	\$6,668,305
General Reserve Sub-Fund	\$5,428,536	\$5,802,015	\$6,474,082	\$6,668,305
<b>Total Cash Reserve Requirement</b>	<b>\$10,857,073</b>	<b>\$11,604,032</b>	<b>\$12,948,165</b>	<b>\$13,336,610</b>

**Table 4.4. Summary of Compliance with Indenture and Financial Policy – Debt Service Coverage**

Indenture and Financial Policy Compliance	Adopted FY2024	Proposed FY2025	Estimated FY2026	Estimated FY2027
Wastewater Treatment Charges	\$53,672,299	\$60,420,321	\$63,513,841	\$66,670,479
Fairfax County Operating Expense Charge	\$12,796,021	\$12,838,293	\$13,223,632	\$13,620,534
Interest Income	\$115,000	\$900,000	\$900,000	\$900,000
Gross Revenue Available for Debt Service	\$66,583,320	\$74,158,614	\$77,637,473	\$81,191,014
Operating Expenses	\$(33,023,593)	\$(35,295,594)	\$(36,354,461)	\$(37,445,095)
Net Revenues Available for Debt Service	\$33,059,727	\$38,863,021	\$41,283,012	\$43,745,918
Total Annual Debt Service	\$16,448,494	\$19,784,682	\$18,118,989	\$18,419,716
<b>All-in Debt Service Coverage</b>	<b>2.02x</b>	<b>1.97x</b>	<b>2.28x</b>	<b>2.38x</b>

The following fund statements, organized in accordance with the terms mandated in Article VII of the Indenture, are included as Appendix B to this document and provide additional detail for the three (3) year budget forecast:

- Revenue Fund Statement
- Fairfax County Contributions
- Operating Fund Statement
- Parity Debt Service Fund Statement
- IRR Fund Statement – Joint Use Facilities Account
- IRR Fund Statement – General Account
- General Fund Statement

## 5 Determining Rates, Charges, and Revenues

For more than nineteen years, AlexRenew has employed rate modeling to analyze, evaluate, and implement an annual and long-term fee structure to support the financial obligations of the organization. AlexRenew has engaged an independent, third-party consultant to develop and monitor a rate model designed specifically for AlexRenew. This model is used to manage revenue performance in the current year and to forecast revenue requirements, based on anticipated operating and capital costs, each year over a 10-year time horizon.

In addition to rate modeling, the Board has adopted a strong financial policy to guide the approach to setting rates and maintaining a sustainable financial position. This policy targets key financial metrics, represents best practices, and ensures AlexRenew maintains cost-efficient operations while delivering superior public services for AlexRenew’s customers and community.

### 5.1 The Rate Modeling Process

Rate consultants review and update the AlexRenew rate model annually, upon completion and acceptance of AlexRenew’s audited financial statements, and more frequently as necessary. This process, and the model, is heavily data-driven and uses historical and projected data comprised of billing statistics, historical financial data, the current budget, and capital plan forecasts. The rate consultants perform comprehensive due diligence exercises to validate all information provided by AlexRenew and obtained from other relevant sources. Once validation is complete, the rate consultants review their findings with AlexRenew leadership to discuss observed historical trends, comparison with prior forecasts, current projections, and adjustments for known conditions, such as contingency.

The projected revenues, and assumptions of additional debt and capital funding, are evaluated relative to AlexRenew’s annual cash flow requirements and likely financial position at year-end. This iterative process allows AlexRenew and its rate consultants to examine how subtle changes to rates or assumptions today have the potential to materially influence financial position across the forecast. It also allows for sensitivity analysis and the ability to examine AlexRenew’s financial profile under various hypothetical scenarios, which is instructive to management and provides a stronger basis for recommending the timing and magnitude of potential rate adjustments.

As a single, dominant revenue source that accounts for over 80 percent of operating revenues, the Wastewater Treatment Charges are critical to the funding of current operations and long-term financial viability. As a result, it is imperative to combine a thorough understanding of the rate modeling process, strict adherence to the terms of the Indenture, faithfulness to AlexRenew’s financial policy, and the needs of the community when establishing rates and charges.

### 5.2 Rate Growth Assumptions

AlexRenew has historically modeled growth in Wastewater Treatment Charges of approximately 0.50-2.00 percent and Fairfax County Operating Expense Charges of approximately 1.00-3.00 percent when determining rates and revenues over the forecast period.

### 5.3 Expenditure Growth Assumptions

AlexRenew has historically used consumer price index (CPI) to evaluate costs over the forecast period and has commonly assumed an inflation range of 2.0-5.0 percent.

## 5.4 Revenue Forecast Assumptions

Starting in FY2020, AlexRenew began implementing a multi-year phased rate increase initiative, primarily to fund capital expenditures including the RiverRenew program. The revenue assumptions included in this budget include annual rate increases that are adopted for FY2025, as further described in section 5.5.

## 5.5 Rate and Charges

The following schedule details the monthly rates and charges for all individually metered residential customers and commercial customers discharging sewage to and/or requiring wastewater treatment service from AlexRenew. Commercial wastewater customers include all commercial, industrial, government and other public agencies, master-metered residential, and all other accounts or customers not otherwise classified as individually metered residential customers.

A wastewater customer’s monthly bill for wastewater interception, treatment, and discharge services is based on the sum of their: (1) base charge and (2) wastewater treatment charge, as determined by water meter readings conducted by Virginia American Water, at the customer premise. The base charge serves as the minimum monthly bill for sewer service for all customers served by AlexRenew.

The rate for FY2025 is projected to increase the average bill by approximately \$2.72/month in each year (based on 4,000 gallons monthly usage). Based on current projections, these rate adjustments will allow AlexRenew to maintain its fiscal profile while funding the budget and capital program herein. Table 5.1 details adopted rates for FY2024 and FY2025.

**Table 5.1.** Adopted FY2025 Rate Adjustments

Description	Meter Size	Current FY2024 Monthly Charge	Adopted FY2025 Monthly Charge
Residential Base Charge	All Meters	\$13.85	\$14.57
Commercial Base Charge	5/8"	\$41.55	\$43.68
	3/4"	\$41.55	\$43.68
	1"	\$103.87	\$109.19
	1-1/2"	\$207.74	\$218.38
	2"	\$332.39	\$349.41
	3"	\$623.23	\$655.14
	4"	\$1,038.72	\$1,091.90
	6"	\$2,077.43	\$2,183.80
	8"	\$3,323.89	\$3,494.08
Wastewater Treatment Charge	All Meters	\$9.76	\$10.26

## 6 10-Year Capital Improvement and IRR Programs

AlexRenew manages its capital projects through its CIP and IRR Program. The CIP and IRR Program are summarized in a 10-year plan and is a key element in planning for and managing to future regulatory compliance through large-scale capital investments. AlexRenew's 10-year CIP and IRR program budget for FY2025-2034 is \$883.1 million.

The 10-year plan is an important tool used to formulate future project financing plans, maximize federal and state grant opportunities, proactively plan for the replacement or reconstruction of essential assets nearing the end of their service life, and schedule and coordinate the execution of multiple projects to minimize operational impact.

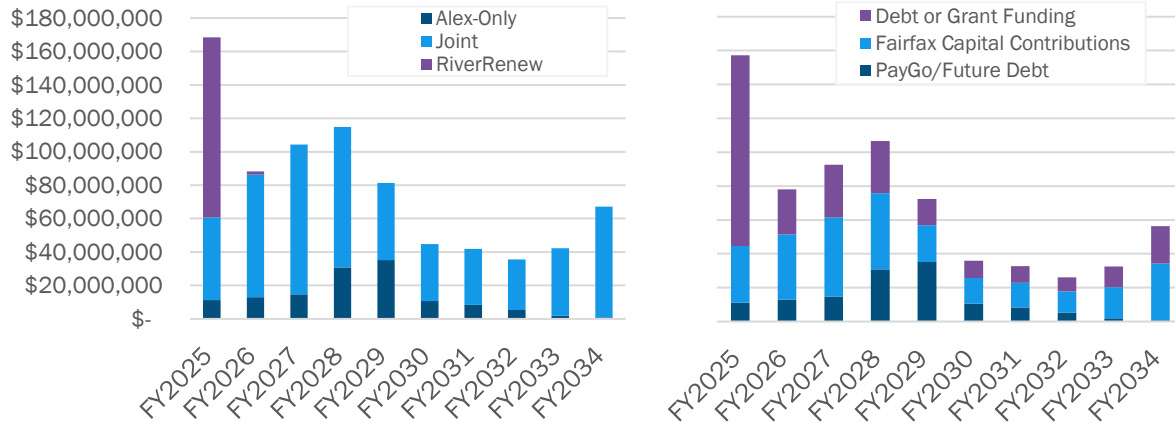
In addition to RiverRenew, the Solids Upgrade Program, the PPSU project, the Tertiary System Upgrade project, and the IT Infrastructure Upgrades project, highlights of the FY2025-2034 CIP include:

- **Holmes Run Trunk Sewer (HRTS) Rehabilitation Project.** A project to line the HRTS to improve conveyance.
- **Campus-wide Electrical Upgrades Program Project.** A program to overhaul AlexRenew's wastewater treatment plant's electrical grid and related infrastructure.
- **Commonwealth Interceptor Upgrade Project.** A project to evaluate alternatives, in coordination with the City of Alexandria, to mitigate excess inflow and infiltration into the Commonwealth Separate Sanitary Area.
- **Potomac Interceptor Rehabilitation Project.** A project to rehabilitate sections of the interceptor to improve conveyance.
- **4 MGD Expansion Project.** A project to identify and implement improvements to increase the capacity of AlexRenew's wastewater treatment plant by four (4) million gallons per day to accommodate future City flows.
- **Climate Change Adaptation Project.** A project to assess vulnerabilities to climate change impacts and implement engineering solutions to protect AlexRenew assets and personnel.
- **HVAC System Upgrade Project.** A project to assess, replace and upgrade the HVAC systems across AlexRenew's campus.

Tables C.1 and C.2 in Appendix C summarize the 10-year CIP expenses. Additionally project sheets for each major CIP project and IRR program are provided in Appendix C.

Funding sources for CIP/IRR projects include loans, grants, revenue bond issues, bank lines of credit, capital contributions from Fairfax County, and cash contributions from AlexRenew's operations and reserves (PAYGO). AlexRenew has used loan program including the Virginia Department of Environmental Quality (VDEQ) Clean Water Revolving Loan Fund (CWRLF), Virginia Pooled Financing Program (VPFP), and Water Infrastructure Finance and Innovation Act (WIFIA) program.

Additional details on the loans can be found under the detailed Parity Debt Service Fund statement in Appendix B. Figure 6.1 illustrates the proposed capital expenditures and planned capital funding sources over the 10-year period including the continued significant debt financing to be utilized to fund the high level of ongoing RiverRenew construction.



**Figure 6.1.** Proposed CIP/IRR Expenditures and Funding – 10-year Forecast

The CIP and related funding strategies comply with all relevant AlexRenew financial policies including the required 15 percent PAYGO funding requirement and sufficient projected net revenues to produce coverage of debt service requirements in excess of the 1.5x policy minimum.

## **Appendix A      Definitions**

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**IRR.** Improvement, Renewal, and Replacement

**CIP.** Capital Improvement Program

**CPI.** Consumer Price Index

**Operating Revenues.** Rates collected from Alexandria customers and Fairfax County’s payments for AlexRenew’s day-to-day operations

**Fairfax IRR and Capital Contributions.** Fairfax County’s payments for AlexRenew’s capital and IRR programs

**Debt Proceeds** Cash disbursed from loans and grants to fund capital projects.

**Operating Expenses.** Costs associated with day-to-day operation of wastewater treatment and other AlexRenew facilities

**Debt Service.** Payments on outstanding debt.

**Capital Outlay.** Costs associated with RiverRenew and other capital projects

**Capital Project.** A capital project involves expenditures to construct or acquire assets of a relatively permanent nature such as property, plant, and equipment with a useful life that exceeds approximately two years.

**IRR Project.** A capital project involves expenditures to construct or acquire assets of a relatively permanent nature such as property, plant, and equipment with a useful life that exceeds approximately two years.

**Alex-Only CIP.** Capital projects that are the responsibility of AlexRenew only are funded from General Fund resources and/or using various financing instruments.

**Joint-Use CIP.** Capital projects for which AlexRenew and Fairfax County share joint responsibility are funded pay-as-you-go from General Fund resources and/or using various financing instruments.

**PAYGO.** Pay-as-you-go. Capital projects for which AlexRenew and Fairfax County share joint responsibility are funded via PAYGO from General Fund resources and/or using various financing instruments.

**WRRF.** Water Resource Recover Facility.

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## Appendix B      Three (3) Year Budget Forecast – Fund Statements

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## Revenue Fund Statement

AlexRenew’s Indenture establishes nine (9) funds into which monies may be deposited to manage operating and maintenance, non-operating, and capital obligations. The collection and deposit of monies typically occurs monthly at specified times and in specified amounts, and in a prescribed order of priority.

AlexRenew is required to collect and deposit Revenues, as defined in the Indenture, in the Revenue Fund and make monthly transfers to each of its actively managed funds. Deposits to the Revenue Fund do not include Fairfax County IRR payments or Capital Contributions. These dollars are deposited by Fairfax County directly into the Joint Use Facilities Account of the IRR Fund or the Project or General Funds for capital outlay reimbursements, as appropriate.

Table B.1 presents adopted and estimated revenues expected to be received by AlexRenew for the period FY2025-2027. In addition, planned revenue transfers to various operating and non-operating funds are provided to highlight the use or purpose of the funds.

**Table B.1.** Revenue Fund Summary

Revenues and Transfers to Revenue Fund	Adopted FY2024	Proposed FY2025	VAR %	Estimated FY2026	Estimated FY2027
<b>Revenues</b>					
AlexRenew Wastewater Treatment Charges	\$ 53,672,299	\$ 60,420,321	12.6%	\$ 63,513,841	\$ 66,670,479
Fairfax County Operating Expense Charge	12,796,021	12,838,293	0.3%	13,223,632	13,620,534
<b>Total Revenues</b>	<b>\$ 66,468,320</b>	<b>\$ 73,258,614</b>	<b>10.2%</b>	<b>\$ 76,737,473</b>	<b>\$ 80,291,014</b>
<b>Transfers</b>					
Transfer to Operating Fund <sup>1</sup>	\$ 33,890,180	\$ 35,600,197	5.0%	\$ 36,668,202	\$ 37,768,249
Transfer to Parity Debt Service Fund	16,358,494	18,884,682	15.4%	18,884,682	17,218,989
Transfer to IRR Fund - Joint Use Facilities Account	2,581,224	2,704,353	4.8%	2,827,481	6,357,662
Transfer to IRR Fund - General Account	166,000	1,822,000	997.6%	469,760	708,941
Transfer to General Fund	13,472,422	14,247,383	5.8%	17,949,148	18,300,828
<b>Total Uses</b>	<b>\$ 66,468,321</b>	<b>\$ 73,258,615</b>	<b>10.2%</b>	<b>\$ 76,799,274</b>	<b>\$ 80,354,668</b>

<sup>1</sup> Includes entire Fairfax County Operating Expense Charge

## Fairfax County Contributions

Table B.2 presents the summary of Fairfax County contributions for the period FY2025-2027 and demonstrates the method by which Fairfax County annual payments and contributions are determined based on the capacity rights Fairfax County currently receives under the Fairfax County Service Agreement. Fairfax County currently makes equal monthly Operating Expense charge installments into the Revenue Fund, equal monthly contributions into the Joint Use Facilities Account of the IRR Fund, and variable monthly capital contributions (formulaic reimbursements based actual capital expenditures) into the Project Fund.

**Table B.2.** Fairfax County Contributions Summary

Fairfax County Contributions	Adopted FY2024	Proposed FY2025	VAR %	Estimated FY2026	Estimated FY2027
<b>Operating Expense Charge</b>					
Total Estimated Operating Expenses	\$ 33,023,593	\$ 35,295,594	6.9%	\$ 36,354,461	\$ 37,445,095
Less Estimated "Alexandria Only" Expenses	(4,546,660)	(4,683,060)	3.0%	(4,823,552)	(4,968,258)
Net Estimated Joint Operating Expenses	\$ 28,476,933	\$ 30,612,534	7.5%	\$ 31,530,910	\$ 32,476,837
Estimated Fairfax County Net Flow	45.0%	42.0%		42.0%	42.0%
Estimated Fairfax County Operating Expense Charge	12,814,620	12,857,264	0.3%	13,242,982	13,640,272
Less Alexandria Only Flow Charge	(18,599)	(18,971)	2.0%	(19,350)	(19,737)
<b>Estimated Fairfax County Operating Expense Charge</b>	<b>\$ 12,796,021</b>	<b>\$ 12,838,293</b>	<b>0.3%</b>	<b>\$ 13,223,632</b>	<b>\$ 13,620,534</b>
<b>IRR Fund - Joint Account Contribution:</b>					
Estimated Joint Use Plant Investment	\$ 900,699,169	\$ 943,664,099	4.8%	\$ 986,629,029	\$ 1,047,606,178
Estimated Joint Use IRR Funding Percentage	0.7%	0.7%	0.0%	0.7%	0.7%
Additional Transfers					\$ 8,195,974
Estimated Joint Use IRR Investment	\$ 6,304,894	\$ 6,605,649	4.8%	\$ 6,906,403	\$ 15,529,218
Investment Allocation at 60%	\$ 5,863,552	\$ 6,143,253	4.8%	\$ 6,422,955	\$ 14,442,172
Investment Allocation at 49%	378,294	396,339	4.8%	414,384	931,753
Investment Allocation at 32%	63,049	66,056	4.8%	69,064	155,292
<b>Total IRR - Joint Account Investment</b>	<b>\$ 6,304,894</b>	<b>\$ 6,605,649</b>	<b>4.8%</b>	<b>\$ 6,906,403</b>	<b>\$ 15,529,218</b>
Fairfax County Allocation at 60%	\$ 3,518,131	\$ 3,685,952	4.8%	\$ 3,853,773	\$ 8,665,303
Fairfax County Allocation at 49%	185,364	194,206	4.8%	203,048	456,559
Fairfax County Allocation at 32%	20,176	21,138	4.8%	22,100	49,693
<b>Total Fairfax County IRR - Joint Account Contribution</b>	<b>3,723,671</b>	<b>3,901,296</b>	<b>4.8%</b>	<b>4,078,922</b>	<b>9,171,556</b>
AlexRenew Joint IRR Contribution	2,581,224	2,704,353	4.8%	2,827,481	6,357,662
<b>Capital Project Contribution - Joint Use Facilities:</b>					
Estimated Joint Capital Improvements at 60%/40%	\$ 29,182,521	\$ 42,660,000	46.2%	\$ 82,190,000	\$ 95,875,200
Fairfax County Allocation at 60%	17,509,513	25,596,000	46.2%	49,314,000	57,525,120
Estimated Joint Capital Improvements at 49%/51%	2,000,000	750,000	-62.5%	810,000	874,800
Fairfax County Allocation at 49%	980,000	367,500	-62.5%	396,900	428,652
Estimated Joint Capital Improvements RiverRenew	92,540,093	64,083,402	-30.8%	8,379,997	-
Fairfax County Allocation <sup>1</sup>	14,206,617	9,988,276	-29.7%	745,429	-
Estimated Joint Capital Improvements at 32%/68%	-	-	0.0%	-	300,000
Fairfax County Allocation at 32%	-	-	0.0%	-	96,000
Total Fairfax County Capital Contribution	<b>32,696,130</b>	<b>35,951,776</b>	<b>10.0%</b>	<b>50,456,329</b>	<b>58,049,772</b>
<b>Total Fairfax County Contributions</b>	<b>\$ 49,215,821</b>	<b>\$ 52,691,365</b>	<b>7.1%</b>	<b>\$ 67,758,882</b>	<b>\$ 80,841,862</b>

<sup>1</sup> Fairfax County allocation based on Contractor Schedule of Values (Rev 1)

## Operating Fund Statement

The Operating Fund is primarily funded with Wastewater Treatment Charges and is used for expenses incurred in the day-to-day operations. These are expected expenses that happen daily, weekly, or monthly. These expenses include personnel, utilities, chemicals, maintenance, sewage disposal, sludge disposal, and other administrative expenses. The schedule below presents adopted and estimated Operating Fund revenue and expenses expected by AlexRenew for the period FY2025-2027.

The Operating Fund estimates in Table B.3 are in compliance with the financial policy to maintain a combined 120 days of reserves which includes 60 days in the Operating Fund.

**Table B.3.** Operating Fund Summary

Operating Expenses Categories	Adopted FY2024	Proposed FY2025	VAR %	Estimated FY2026	Estimated FY2027
<b>Revenues</b>					
Transfer from Revenue Fund	\$ 33,890,180	\$ 35,600,197	5.0%	\$ 36,668,202	\$ 37,768,249
Interest Income	10,000	100,000	900.0%	100,000	100,000
<b>Total</b>	<b>\$ 33,900,180</b>	<b>\$ 35,700,197</b>	<b>5.3%</b>	<b>\$ 36,768,202</b>	<b>\$ 37,868,249</b>
<b>Expenses</b>					
Personnel	\$ 16,094,350	\$ 17,210,991	6.9%	\$ 17,727,321	\$ 18,259,140
Utilities	4,238,000	4,248,000	0.2%	4,375,440	4,506,703
Chemicals	3,347,500	3,571,000	6.7%	3,678,130	3,788,474
Operation Maintenance	1,145,250	1,581,255	38.1%	1,628,693	1,677,553
Arlington Sewage Disposal	1,528,443	1,800,000	17.8%	1,854,000	1,909,620
Sludge Disposal	1,298,000	1,362,000	4.9%	1,402,860	1,444,946
General, Admin, Cust. Service and Other	5,372,050	5,522,348	2.8%	5,688,018	5,858,659
<b>Total</b>	<b>\$ 33,023,593</b>	<b>\$ 35,295,594</b>	<b>6.9%</b>	<b>\$ 36,354,461</b>	<b>\$ 37,445,095</b>
<b>Excess (Deficiency) <sup>1</sup></b>	<b>\$ 876,587</b>	<b>\$ 404,603</b>		<b>\$ 413,741</b>	<b>\$ 423,153</b>
<b>Fund Balance - Beginning</b>	<b>\$ 5,004,326</b>	<b>\$ 5,880,913</b>		<b>\$ 6,285,516</b>	<b>\$ 6,699,257</b>
<b>Fund Balance - Ending <sup>1</sup></b>	<b>\$ 5,880,913</b>	<b>\$ 6,285,516</b>		<b>\$ 6,699,257</b>	<b>\$ 7,122,410</b>

<sup>1</sup> Operating Reserve Requirement of 60 days cash

## Parity Debt Service Fund Statement

The Parity Debt Service Fund includes the amounts due to pay principal and interest on outstanding and projected AlexRenew debt. To date, AlexRenew has borrowed from the Virginia Clean Water Revolving Loan Fund (CWRLF) and Virginia Pooled Financing Program (VPFP) through the Virginia Resources Authority (VRA) as well as through the federal Water Infrastructure Finance and Innovation Act (WIFIA) loan program. In FY2025, AlexRenew proposes to issue its own bonds to fund upcoming capital projects. Within the context of the Indenture, capital funding in this manner is deemed parity debt. Table B.4 illustrates the debt service payment schedule for FY2025-2027 which includes repayment on proposed AlexRenew bonds.

**Table B.4.** Parity Debt Service Fund Summary

Parity Debt Service Fund	Adopted FY2024	Proposed FY2025	Estimated FY2026	Estimated FY2027
<b>Revenues</b>				
Beginning Balance	\$ 0	\$ (0)	\$ (0)	\$ 0
Transfer from Revenue Fund	16,358,494	18,884,682	17,218,989	17,519,716
Interest Income	90,000	900,000	900,000	900,000
<b>Total Revenue</b>	<b>16,448,494</b>	<b>19,784,682</b>	<b>18,118,988</b>	<b>18,419,716</b>
<b>Expenditures</b>				
VRA BOND SERIES 00B INTEREST	\$ -	\$ -	\$ -	\$ -
VRA BOND SERIES 00B PRINCIPAL	-	-	-	-
VRA BOND SERIES 04 INTEREST	17,646	3,543	-	-
VRA BOND SERIES 04 PRINCIPAL	1,406,766	708,669	-	-
VRA BOND SERIES 06 INTEREST	30,038	20,798	12,979	5,589
VRA BOND SERIES 06 PRINCIPAL	921,769	830,185	737,180	744,570
VRA BOND SERIES 09 INTEREST	152,554	129,186	105,178	80,512
VRA BOND SERIES 09 PRINCIPAL	853,324	876,692	900,700	925,366
VRA BOND SERIES 11 INTEREST	110,856	101,157	91,277	81,063
VRA BOND SERIES 11 PRINCIPAL	410,353	420,053	429,982	440,146
VRA BOND SERIES 14A INTEREST	104,513	96,566	88,520	80,373
VRA BOND SERIES 14A PRINCIPAL	633,758	641,705	649,751	657,899
VRA BOND SERIES 14B INTEREST	19,333	17,792	16,231	14,652
VRA BOND SERIES 14B PRINCIPAL	128,117	128,859	130,410	132,771
VRA BOND SERIES 14C INTEREST	827,019	811,772	795,756	775,714
VRA BOND SERIES 14C PRINCIPAL	290,000	305,000	320,000	490,000
VRA BOND SERIES 17A INTEREST	862,534	830,759	797,319	762,084.00
VRA BOND SERIES 17A PRINCIPAL	605,000	635,000	670,000	705,000.00
VRA BOND SERIES 19 INTEREST	112,970	66,347	65,768	63,018
VRA BOND SERIES 19 PRINCIPAL	100,000	101,000	267,000	133,500
VRA BOND SERIES 21 INTEREST	3,597,117	2,441,500	2,331,641	2,241,093
VRA BOND SERIES 21 PRINCIPAL	5,264,825	8,451,600	6,892,503	6,565,960
WIFIA BOND SERIES 21 INTEREST	-	1,516,500	1,530,168	1,529,135
WIFIA BOND SERIES 21 PRINCIPAL	-	-	36,627	191,272
ALEXRENEW BOND SERIES 24 INTEREST	-	150,000	250,000	300,000
ALEXRENEW BOND SERIES 24 PRINCIPAL	-	500,000	1,000,000	1,500,000
<b>Total Expenses</b>	<b>\$ 16,448,494</b>	<b>\$ 19,784,682</b>	<b>\$ 18,118,989</b>	<b>\$ 18,419,716</b>
Total Interest	5,834,582	6,035,919	5,834,837	5,633,233
Total Principal	10,613,912	13,598,763	11,997,525	12,295,212



## IRR Fund Statement – Joint Use Facilities Account

The IRR Fund – Joint Use Facilities Account funds the project costs associated with the upgrade of infrastructure and equipment for the portions of the facility used jointly by the City and Fairfax County.

As noted in the accompanying schedule, contributions to the Joint Use Facilities Account are made annually by both AlexRenew and Fairfax County in a combined amount equal to 0.7 percent of AlexRenew’s estimated joint capital asset value. Fairfax County’s portion of the total contribution is also based on the allocation percentages detailed on page B-4 and affirmed in the Fairfax County Service Agreement. Table B.5 illustrates IRR-Joint project expenses for FY2025-2027 that are necessary for ongoing AlexRenew’s asset repairs and improvements.

**Table B.5.** IRR Fund – Joint Use Facilities Account Summary

IRR Fund - Joint Use Facilities Account	Adopted FY2024	Proposed FY2025	VAR %	Estimated FY2026	Estimated FY2027
<b>Revenues</b>					
Revenue Fund Transfer	\$ 2,581,224	\$ 2,704,353	4.8%	\$ 2,827,481	\$ 6,357,662
Fairfax County Contribution	3,723,671	3,901,296	4.8%	4,078,922	9,171,556
<b>Total Revenues</b>	<b>\$ 6,304,894</b>	<b>\$ 6,605,649</b>	<b>4.8%</b>	<b>\$ 6,906,403</b>	<b>\$ 15,529,218</b>
<b>Expenses</b>					
Campus Wide Projects	\$ 2,400,000	\$ 2,500,000	4.2%	\$ 3,108,000	\$ 5,648,339
Collection System Projects	\$ 15,000	\$ 100,000	566.7%	\$ 108,000	\$ 116,640
Information Technology Projects	\$ 300,000	\$ 500,000	66.7%	\$ 500,000	\$ 500,000
Compliance Laboratory	\$ 50,000	\$ 10,000	-80.0%	\$ 10,800	\$ 11,664
Preliminary / Primary Infrastructure	\$ 85,648	\$ 250,000	191.9%	\$ 270,000	\$ 291,600
Secondary Infrastructure	\$ 2,000,000	\$ 1,500,000	-25.0%	\$ 1,500,000	\$ 1,620,000
Solids Infrastructure	\$ 1,000,000	\$ 1,000,000	0.0%	\$ 1,080,000	\$ 1,166,400
Tertiary Infrastructure	\$ 2,252,100	\$ 1,763,900	-21.7%	\$ 1,776,000	\$ 683,500
Odor Control System	\$ -	\$ 500,000		\$ -	\$ 500,000
Power Distribution Monitors	\$ -	\$ 30,000		\$ 30,000	\$ 30,000
West Campus Projects	\$ 1,000,000	\$ 750,000	-25.0%	\$ 810,000	\$ 874,800
Safety and Security	\$ 1,050,000	\$ 1,030,000	-1.9%	\$ 1,030,000	\$ 200,000
Building Exteriors	\$ 500,000	\$ -	-100.0%	\$ -	\$ -
<b>Joint IRR Expenses</b>	<b>\$ 10,652,748</b>	<b>\$ 9,933,900</b>	<b>-6.7%</b>	<b>\$ 10,222,800</b>	<b>\$ 11,642,943</b>
<b>Excess (Deficiency)</b>	<b>\$ (4,347,854)</b>	<b>\$ (3,328,251)</b>		<b>\$ (3,316,397)</b>	<b>\$ 3,886,275</b>
<b>Fund Balance - Beginning</b>	<b>\$ 7,106,227</b>	<b>\$ 2,758,373</b>		<b>\$ (569,878)</b>	<b>\$ (3,886,275)</b>
<b>Fund Balance - Ending</b>	<b>\$ 2,758,373</b>	<b>\$ (569,878)</b>		<b>\$ (3,886,275)</b>	<b>\$ -</b>

## IRR Fund Statement – General Account

The IRR Fund – General Account funds the project costs associated with the upgrade of infrastructure and equipment for the portions of the facility used for the benefit of the City only.

Contributions to the General Account are made annually for projects AlexRenew determines are necessary to maintain the safe and effective operation for collection system and Alex-only campus needs. Table B.6 illustrates IRR - Alex-Only project expenses for FY2025-2027 necessary for continued improvement, rehabilitation, and replacement associated with Alex-only assets.

**Table B.6.** IRR Fund – General Account Summary

IRR Fund - General Account	Adopted FY2024	Proposed FY2025	VAR %	Estimated FY2026	Estimated FY2027
<b>Revenues</b>					
Revenue Fund Transfer	\$ 166,000	\$ 1,822,000		\$ 469,760	\$ 708,941
<b>Total Revenue</b>	<b>\$ 166,000</b>	<b>\$ 1,822,000</b>	<b>997.6%</b>	<b>\$ 469,760</b>	<b>\$ 708,941</b>
<b>Expenses</b>					
Campus Wide Projects	\$22,000	\$22,000	0.0%	\$23,760	\$25,661
Collection System Projects	\$144,000	\$1,800,000	1150.0%	\$446,000	\$683,280
<b>Total Expenses</b>	<b>\$ 166,000</b>	<b>\$ 1,822,000</b>	<b>997.6%</b>	<b>\$ 469,760</b>	<b>\$ 708,941</b>

## General Fund Statement

The General Fund is the repository of funds remaining after deposits to all other Funds are made and may be used for any lawful purpose of AlexRenew. AlexRenew uses the General Fund to finance Alexandria-only capital improvements, contribute PAYGO (cash) funding to the joint capital program, manage unanticipated expenditures, and maintain sufficient reserves to promote ongoing financial strength.

The General Fund balance is projected to increase to \$3.4 million through FY2025, with a projected balance of over \$38.1 million. Table B.7 illustrates the General Fund balance for the period FY2025-2027 and includes demonstration of financial policy compliance to maintain 60 days of cash reserves in the General Reserve Sub-Fund.

**Table B.7.** General Fund Summary

General Fund	Adopted FY2024	Proposed FY2025	VAR %	Estimated FY2026	Estimated FY2027
<b>Revenues</b>					
Revenue Fund Transfer	\$ 13,472,422	\$ 14,247,383	6%	\$ 17,949,148	\$ 18,300,828
Interest Income	15,000	75,000	400%	75,000	75,000
<b>Total Revenues</b>	<b>\$ 13,487,422</b>	<b>\$ 14,322,383</b>	<b>6.2%</b>	<b>\$ 18,024,148</b>	<b>\$ 18,375,828</b>
<b>Expenses</b>					
Alex-only General Capital Expenses	\$ 8,183,100	\$ 10,844,400	32.5%	\$ 18,690,000	\$ 16,266,800
Transfer to Joint CIP Project Fund	1,887,098	0	-100.0%	0	0
<b>Total Expenses</b>	<b>\$ 10,070,198</b>	<b>\$ 10,844,400</b>	<b>7.7%</b>	<b>\$ 18,690,000</b>	<b>\$ 16,266,800</b>
<b>Fund Balance Increase (Decrease)</b>	<b>\$ 3,417,225</b>	<b>\$ 3,477,983</b>		<b>\$ (665,852)</b>	<b>\$ 2,109,028</b>
<b>Fund Balance - Beginning</b>	<b>\$ 36,964,336</b>	<b>\$ 40,381,560</b>		<b>\$ 43,859,544</b>	<b>\$ 43,193,692</b>
<b>Fund Balance - Ending</b>	<b>\$ 40,381,560</b>	<b>\$ 43,859,544</b>		<b>\$ 43,193,692</b>	<b>\$ 45,302,720</b>
<b>General Reserve sub-Fund <sup>1</sup></b>	<b>\$ (5,428,536)</b>	<b>\$ (5,802,015)</b>		<b>\$ (5,976,076)</b>	<b>\$ (6,155,358)</b>
<b>Available Balance</b>	<b>\$ 34,953,025</b>	<b>\$ 38,057,528</b>	<b>8.9%</b>	<b>\$ 37,217,616</b>	<b>\$ 39,147,362</b>

<sup>1</sup> Additional Operating Reserve Requirement of 60 days cash per Board-approved financial policy

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**Appendix C**

**10-Year Capital Improvement and IRR Programs –  
Summary and Project Sheets**

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**Table C-1. FY2025-2034 10-year CIP/IRR Program – Summary**

Summary of Expenditures		Adopted FY2024	Proposed FY2025	Est. FY2026	Est. FY2027	Est. FY2028	Est. FY2029	Est. FY2030	Est. FY2031	Est. FY2032	Est. FY2033	Est. FY2034	10-year Total
IRR Program	Alex-only IRR	\$0.17	\$1.82	\$0.47	\$0.71	\$0.33	\$0.34	\$0.35	\$0.36	\$0.37	\$0.38	\$0.39	\$5.51
	Joint IRR	\$10.65	\$9.93	\$10.22	\$11.64	\$8.23	\$8.93	\$9.00	\$9.26	\$9.51	\$9.78	\$10.78	\$97.28
	<i>Subtotal</i>	\$10.82	\$11.76	\$10.69	\$12.35	\$8.55	\$9.26	\$9.35	\$9.61	\$9.88	\$10.16	\$11.17	\$102.80
CIP – General	Alex-only CIP	\$8.18	\$10.84	\$18.69	\$16.27	\$31.39	\$34.77	\$10.27	\$7.96	\$4.96	\$1.46	\$0.46	\$137.08
	Joint CIP	\$31.18	\$43.41	\$83.00	\$96.75	\$78.10	\$30.40	\$25.05	\$26.05	\$36.15	\$52.50	\$62.20	\$533.61
	<i>Subtotal</i>	\$39.37	\$54.25	\$101.69	\$113.02	\$109.49	\$65.17	\$35.32	\$34.01	\$41.11	\$53.96	\$62.66	\$670.69
CIP – RiverRenew	RiverRenew Tunnel Project	\$162.28	\$107.70	\$1.90	-	-	-	-	-	-	-	-	\$109.60
	<i>Subtotal</i>	\$162.28	\$107.70	\$1.90	-	-	-	-	-	-	-	-	\$109.60
<b>Total CIP/IRR Program</b>		<b>\$212.46</b>	<b>\$173.71</b>	<b>\$114.28</b>	<b>\$125.37</b>	<b>\$118.05</b>	<b>\$74.44</b>	<b>\$44.67</b>	<b>\$43.62</b>	<b>\$50.99</b>	<b>\$64.12</b>	<b>\$73.83</b>	<b>\$883.08</b>



Table C-2. FY2025-2034 10-year CIP/IRR Program - Detailed Expenses

Projects	Total Project	Prior Years	Proposed FY2025	Estimated FY2026	Estimated FY2027	Estimated FY2028	Estimated FY2029	Estimated FY2030	Estimated FY2031	Estimated FY2032	Estimated FY2033	Estimated FY2034	10-year Total
<b>IRR Program</b>													
<b>Alex-only IRR</b>													
IRR: Campus Wide Projects	\$ 0.31	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.28
IRR: Collection System Projects	\$ 5.37	\$ 0.14	\$ 1.80	\$ 0.45	\$ 0.68	\$ 0.30	\$ 0.31	\$ 0.32	\$ 0.33	\$ 0.34	\$ 0.35	\$ 0.36	\$ 5.23
<b>Alex-only IRR Subtotal</b>	<b>\$ 5.68</b>	<b>\$ 0.17</b>	<b>\$ 1.82</b>	<b>\$ 0.47</b>	<b>\$ 0.71</b>	<b>\$ 0.33</b>	<b>\$ 0.34</b>	<b>\$ 0.35</b>	<b>\$ 0.36</b>	<b>\$ 0.37</b>	<b>\$ 0.38</b>	<b>\$ 0.39</b>	<b>\$ 5.51</b>
<b>Joint IRR</b>													
IRR: Campus-Wide Projects	\$ 29.53	\$ 2.90	\$ 2.50	\$ 3.11	\$ 5.65	\$ 1.38	\$ 1.92	\$ 2.27	\$ 2.34	\$ 2.41	\$ 2.49	\$ 2.56	\$ 26.63
IRR: West Campus Projects	\$ 10.67	\$ 1.00	\$ 0.75	\$ 0.81	\$ 0.87	\$ 0.94	\$ 0.97	\$ 1.00	\$ 1.03	\$ 1.06	\$ 1.10	\$ 1.13	\$ 9.67
IRR: Preliminary and Primary Infrastructure	\$ 3.31	\$ 0.09	\$ 0.25	\$ 0.27	\$ 0.29	\$ 0.31	\$ 0.32	\$ 0.33	\$ 0.34	\$ 0.35	\$ 0.37	\$ 0.38	\$ 3.22
IRR: Secondary Infrastructure	\$ 20.03	\$ 2.00	\$ 1.50	\$ 1.50	\$ 1.62	\$ 1.75	\$ 1.80	\$ 1.86	\$ 1.91	\$ 1.97	\$ 2.03	\$ 2.09	\$ 18.03
IRR: Tertiary Infrastructure	\$ 11.81	\$ 2.25	\$ 1.76	\$ 1.78	\$ 0.68	\$ 0.70	\$ 0.72	\$ 0.74	\$ 0.76	\$ 0.78	\$ 0.81	\$ 0.83	\$ 9.56
IRR: Solids Infrastructure	\$ 13.90	\$ 1.00	\$ 1.00	\$ 1.08	\$ 1.17	\$ 1.26	\$ 1.30	\$ 1.34	\$ 1.38	\$ 1.42	\$ 1.46	\$ 1.50	\$ 12.90
IRR: Odor Control System	\$ 3.75	\$ -	\$ 0.50	\$ -	\$ 0.50	\$ 1.00	\$ 1.00	\$ -	\$ -	\$ -	\$ -	\$ 0.75	\$ 3.75
IRR: WRRF Safety and Security	\$ 4.97	\$ 1.05	\$ 1.03	\$ 1.03	\$ 0.20	\$ 0.22	\$ 0.22	\$ 0.23	\$ 0.24	\$ 0.24	\$ 0.25	\$ 0.26	\$ 3.92
IRR: Collection System Projects	\$ 1.30	\$ 0.02	\$ 0.10	\$ 0.11	\$ 0.12	\$ 0.13	\$ 0.13	\$ 0.13	\$ 0.14	\$ 0.14	\$ 0.15	\$ 0.15	\$ 1.29
IRR: Power Distribution Monitors	\$ 0.27	\$ -	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ -	\$ 0.27
IRR: Compliance Laboratory	\$ 0.18	\$ 0.05	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.02	\$ 0.13
IRR: Tunnel Cleaning/Inspection	\$ 2.92	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.55	\$ 0.57	\$ 0.58	\$ 0.60	\$ 0.62	\$ 2.92
IRR: Information Technology Projects	\$ 5.30	\$ 0.30	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	\$ 5.00
<b>Joint IRR Subtotal</b>	<b>\$ 107.94</b>	<b>\$ 10.65</b>	<b>\$ 9.93</b>	<b>\$ 10.22</b>	<b>\$ 11.64</b>	<b>\$ 8.23</b>	<b>\$ 8.93</b>	<b>\$ 9.00</b>	<b>\$ 9.26</b>	<b>\$ 9.51</b>	<b>\$ 9.78</b>	<b>\$ 10.78</b>	<b>\$ 97.28</b>
<b>IRR Program Total</b>	<b>\$ 113.61</b>	<b>\$ 10.82</b>	<b>\$ 11.76</b>	<b>\$ 10.69</b>	<b>\$ 12.35</b>	<b>\$ 8.55</b>	<b>\$ 9.26</b>	<b>\$ 9.35</b>	<b>\$ 9.61</b>	<b>\$ 9.88</b>	<b>\$ 10.16</b>	<b>\$ 11.17</b>	<b>\$ 102.80</b>
<b>CIP - General</b>													
<b>Alex-only Capital Improvement Projects</b>													
Commonwealth Interceptor Upgrade Project	\$ 72.15	\$ 4.40	\$ 1.65	\$ 4.81	\$ 6.16	\$ 22.55	\$ 27.77	\$ 4.81	\$ -	\$ -	\$ -	\$ -	\$ 67.75
Arlington County Capital Contributions	\$ 19.38	\$ 3.86	\$ 3.93	\$ 5.00	\$ 3.67	\$ 1.62	\$ 0.25	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 0.21	\$ 15.52
Potomac Interceptor Rehabilitation	\$ 14.76	\$ -	\$ 0.46	\$ 1.08	\$ 3.74	\$ 5.97	\$ 3.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14.76
Billing and Customer Information System	\$ 2.97	\$ 2.47	\$ 0.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.50
4 MGD WRRF Expansion	\$ 23.00	\$ -	\$ 1.00	\$ 1.00	\$ -	\$ -	\$ 3.00	\$ 5.00	\$ 7.50	\$ 4.50	\$ 1.00	\$ -	\$ 23.00
Environmental Center 5th Floor Build-out	\$ 4.00	\$ 1.00	\$ 2.00	\$ 1.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.00
Environmental Center Lobby Upgrades	\$ 8.50	\$ -	\$ 0.50	\$ 5.00	\$ 2.00	\$ 1.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8.50
Capital Financing Fees	\$ 2.20	\$ 0.50	\$ 0.25	\$ 0.25	\$ 0.15	\$ 0.15	\$ 0.15	\$ 0.15	\$ 0.15	\$ 0.15	\$ 0.15	\$ 0.15	\$ 1.70
Innovation District Pumping Station Support	\$ 1.05	\$ 0.45	\$ 0.20	\$ 0.20	\$ 0.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.60
Pump Stations and Service Chambers Condition Assessment	\$ 0.75	\$ -	\$ 0.25	\$ 0.25	\$ 0.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.75
Contingency on Alex-Only Funding	\$ 1.00	\$ -	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.10	\$ 1.00
<b>Alex-only Capital Improvement Projects Subtotal</b>	<b>\$ 149.76</b>	<b>\$ 12.68</b>	<b>\$ 10.84</b>	<b>\$ 18.69</b>	<b>\$ 16.27</b>	<b>\$ 31.39</b>	<b>\$ 34.77</b>	<b>\$ 10.27</b>	<b>\$ 7.96</b>	<b>\$ 4.96</b>	<b>\$ 1.46</b>	<b>\$ 0.46</b>	<b>\$ 137.08</b>





Table C-2. FY2025-2034 10-year CIP/IRR Program - Detailed Expenses (continued)

Projects	Total Project	Prior Years	Proposed FY2025	Estimated FY2026	Estimated FY2027	Estimated FY2028	Estimated FY2029	Estimated FY2030	Estimated FY2031	Estimated FY2032	Estimated FY2033	Estimated FY2034	10-year Total
<b>Joint Capital Improvement Projects</b>													
Solids Process Upgrades	\$ 202.36	\$ 4.76	\$ 8.90	\$ 29.70	\$ 41.00	\$ 23.20	\$ -	\$ -	\$ 0.50	\$ 14.60	\$ 36.50	\$ 43.20	\$ 197.60
Preliminary and Primary System Upgrades	\$ 84.52	\$ 3.57	\$ 12.40	\$ 20.20	\$ 20.60	\$ 18.80	\$ 5.95	\$ 2.00	\$ 1.00	\$ -	\$ -	\$ -	\$ 80.95
Tertiary System Upgrades	\$ 35.60	\$ 1.00	\$ 0.50	\$ 1.50	\$ 9.50	\$ 18.10	\$ 5.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34.60
Information Technology Infrastructure Upgrades	\$ 24.50	\$ 14.00	\$ 6.00	\$ 2.50	\$ 1.00	\$ 1.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10.50
Centrate Pretreatment Facility Improvements	\$ 13.00	\$ 0.50	\$ 1.00	\$ 1.50	\$ 5.00	\$ 5.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12.50
Campus-wide Electrical Upgrade Program	\$ 80.00	\$ -	\$ 1.00	\$ 4.00	\$ 5.00	\$ 5.00	\$ 10.00	\$ 15.00	\$ 15.00	\$ 15.00	\$ 5.00	\$ 5.00	\$ 80.00
Buildings L and G Elevator Replacement	\$ 2.00	\$ -	\$ 2.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.00
Holmes Run Trunk Sewer Rehabilitation	\$ 14.50	\$ 0.20	\$ 2.00	\$ 12.30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14.30
Warehouse and Inventory Upgrade	\$ 10.50	\$ 1.50	\$ 1.00	\$ -	\$ 2.00	\$ 5.00	\$ 1.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9.00
HMI Upgrade	\$ 4.92	\$ 3.26	\$ 1.40	\$ 0.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.66
Plantwide Sump and Drain System Updates	\$ 2.90	\$ 0.20	\$ -	\$ 0.20	\$ 0.50	\$ 0.50	\$ 1.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.70
Plant Effluent Water System Improvements	\$ 4.09	\$ -	\$ -	\$ 2.29	\$ 1.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4.09
NMF Wet Well Modifications	\$ 5.00	\$ -	\$ -	\$ 1.00	\$ -	\$ -	\$ 2.00	\$ 2.00	\$ -	\$ -	\$ -	\$ -	\$ 5.00
Secondary Settling Tanks Refurbishment	\$ 5.50	\$ -	\$ 1.50	\$ 2.00	\$ 2.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.50
Security Services During Construction	\$ 3.49	\$ 1.84	\$ 0.55	\$ 0.55	\$ 0.55	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.65
Security Upgrades	\$ 1.00	\$ -	\$ 1.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.00
Reclaimed Water System Upgrade	\$ 7.21	\$ -	\$ 0.16	\$ 1.00	\$ 1.05	\$ -	\$ 1.25	\$ 1.25	\$ 1.25	\$ 1.25	\$ -	\$ -	\$ 7.21
WRRF HVAC System Upgrade	\$ 14.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.00	\$ 2.50	\$ 5.50	\$ 2.50	\$ 1.50	\$ 0.50	\$ 14.50
Plantwide Chemical System Updates	\$ 9.00	\$ -	\$ 2.00	\$ 2.00	\$ 5.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9.00
South Carlyle Partnership	\$ 1.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.20	\$ 0.30	\$ 0.30	\$ 0.30	\$ -	\$ -	\$ 1.10
North Bridge Structural Upgrades	\$ 10.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.50	\$ 1.00	\$ 1.00	\$ 3.00	\$ 5.00	\$ 10.50
Climate Change Resiliency Program	\$ 13.50	\$ 0.25	\$ 0.50	\$ 0.50	\$ 0.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.00	\$ 7.00	\$ 13.25
Contingency on Joint Funding	\$ 15.00	\$ -	\$ 1.50	\$ 1.50	\$ 1.50	\$ 1.50	\$ 1.50	\$ 1.50	\$ 1.50	\$ 1.50	\$ 1.50	\$ 1.50	\$ 15.00
<b>Joint Capital Improvement Projects Subtotal</b>	<b>\$564.69</b>	<b>\$31.08</b>	<b>\$43.41</b>	<b>\$83.00</b>	<b>\$96.75</b>	<b>\$78.10</b>	<b>\$30.40</b>	<b>\$25.05</b>	<b>\$26.05</b>	<b>\$36.15</b>	<b>\$52.50</b>	<b>\$62.20</b>	<b>\$ 533.61</b>
<b>General CIP Total</b>	<b>\$ 714.45</b>	<b>\$ 43.76</b>	<b>\$ 54.25</b>	<b>\$ 101.69</b>	<b>\$ 113.02</b>	<b>\$ 109.49</b>	<b>\$ 65.17</b>	<b>\$ 35.32</b>	<b>\$ 34.01</b>	<b>\$ 41.11</b>	<b>\$ 53.96</b>	<b>\$ 62.66</b>	<b>\$ 670.69</b>
<b>CIP - RiverRenew Program</b>													
RiverRenew Tunnel Project - Alex Only	\$83.10	\$65.50	\$17.20	\$0.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17.60
RiverRenew Tunnel Project - Joint	\$531.90	\$439.90	\$90.50	\$1.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 92.00
<b>RiverRenew Tunnel Project Total</b>	<b>\$ 615.00</b>	<b>\$ 505.40</b>	<b>\$ 107.70</b>	<b>\$ 1.90</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 109.60</b>
<b>AlexRenew CIP Total</b>	<b>\$ 1,443.06</b>	<b>\$ 559.98</b>	<b>\$ 173.71</b>	<b>\$ 114.28</b>	<b>\$ 125.37</b>	<b>\$ 118.05</b>	<b>\$ 74.44</b>	<b>\$ 44.67</b>	<b>\$ 43.62</b>	<b>\$ 50.99</b>	<b>\$ 64.12</b>	<b>\$ 73.83</b>	<b>\$ 883.08</b>

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**Campus-Wide Projects (Alex-only)**

Project Location:

Various Alex-only infrastructure

Description: Any improvement, rehabilitation, and replacement projects designated as Alexandria-only

Justification: Provide funds for improvement, rehabilitation, and replacement projects associated with non-process Alexandria-only projects.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Alexandria Only (0% Fairfax County / 100% AlexRenew)

Schedule: Ongoing IRR program

Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$0.02	\$0.02	\$0.02	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.28
<b>Financing</b>												
AlexRenew	\$0.02	\$0.02	\$0.02	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.28
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>											--	

Note: Prior Year amount represents adopted FY2024 budget.

**Collection System Projects**

Project Location: Alex-only Facilities

Description: Continued improvement, rehabilitation, and replacement of Alex-only collection system assets such as interceptors and trunk sewers.

Justification: To maintain the full functionality and reliability of AlexRenew’s collection system.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Alexandria Only (0% Fairfax County / 100% AlexRenew)

Schedule: Ongoing IRR program

Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$0.14	\$1.80	\$0.45	\$0.68	\$0.30	\$0.31	\$0.32	\$0.33	\$0.34	\$0.35	\$0.36	\$5.23
<b>Financing</b>												
AlexRenew	\$0.14	\$1.80	\$0.45	\$0.68	\$0.30	\$0.31	\$0.32	\$0.33	\$0.34	\$0.35	\$0.36	\$5.23
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>											--	

Note: Prior Year amount represents adopted FY2024 budget.

**Campus-Wide Projects (Joint)**

Project Location: WRRF – Campus-wide

Description: All improvement, rehabilitation, and replacement projects on infrastructure, equipment, and systems across campus.

Justification: To maintain the full functionality and reliability of campus-wide systems.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Ongoing IRR program

Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$2.40	\$2.50	\$3.11	\$5.65	\$1.38	\$1.92	\$2.27	\$2.34	\$2.41	\$2.49	\$2.56	\$26.63
<b>Financing</b>												
AlexRenew	\$0.96	\$1.00	\$1.24	\$2.26	\$0.55	\$0.77	\$0.91	\$0.94	\$0.97	\$0.99	\$1.02	\$10.65
Fairfax	\$1.44	\$1.50	\$1.86	\$3.39	\$0.83	\$1.15	\$1.36	\$1.41	\$1.45	\$1.49	\$1.54	\$15.98
<b>Lifetime Total:</b>											–	

Note: Prior Year amount represents adopted FY2024 budget.

**West Campus Projects**

Project Location: Environmental Center

Description: All improvement, rehabilitation, and replacement projects associated with the Environmental Center.

Justification: To maintain the full functionality of the Environmental Center.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Environmental Center (49% Fairfax County / 51% AlexRenew)

Schedule: Ongoing IRR program

Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$1.00	\$0.75	\$0.81	\$0.87	\$0.94	\$0.97	\$1.00	\$1.03	\$1.06	\$1.10	\$1.13	\$9.67
<b>Financing</b>												
AlexRenew	\$0.51	\$0.38	\$0.41	\$0.45	\$0.48	\$0.50	\$0.51	\$0.53	\$0.54	\$0.56	\$0.58	\$4.93
Fairfax	\$0.49	\$0.37	\$0.40	\$0.43	\$0.46	\$0.48	\$0.49	\$0.51	\$0.52	\$0.54	\$0.55	\$4.74
<b>Lifetime Total:</b>											–	

Note: Prior Year amount represents adopted FY2024 budget.







Description: All improvement, rehabilitation, and replacement projects associated with the tertiary treatment systems.

Justification: To maintain the full functionality and reliability of the tertiary treatment processes.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Ongoing IRR program

Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$2.25	\$1.76	\$1.78	\$0.68	\$0.70	\$0.72	\$0.74	\$0.76	\$0.78	\$0.81	\$0.83	\$9.56
<b>Financing</b>												
AlexRenew	\$0.90	\$0.71	\$0.71	\$0.27	\$0.28	\$0.29	\$0.30	\$0.30	\$0.31	\$0.32	\$0.33	\$3.82
Fairfax	\$1.35	\$1.06	\$1.07	\$0.41	\$0.42	\$0.43	\$0.44	\$0.46	\$0.47	\$0.48	\$0.50	\$5.74
<b>Lifetime Total:</b>											--	

Note: Prior Year amount represents adopted FY2024 budget.

Description: All improvement, rehabilitation, and replacement projects associated with the solids treatment systems.

Justification: To maintain the full functionality and reliability of the solids treatment processes.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Ongoing IRR program

Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$1.00	\$1.00	\$1.08	\$1.17	\$1.26	\$1.30	\$1.34	\$1.38	\$1.42	\$1.46	\$1.50	\$12.90
<b>Financing</b>												
AlexRenew	\$0.40	\$0.40	\$0.43	\$0.47	\$0.50	\$0.52	\$0.53	\$0.55	\$0.57	\$0.58	\$0.60	\$5.16
Fairfax	\$0.60	\$0.60	\$0.65	\$0.70	\$0.76	\$0.78	\$0.80	\$0.83	\$0.85	\$0.88	\$0.90	\$7.74
<b>Lifetime Total:</b>											–	

Note: Prior Year amount represents adopted FY2024 budget.

Description: All improvement, rehabilitation, and replacement projects associated with the plant odor control systems.

Justification: To maintain the full functionality and reliability of the plant odor control processes.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Ongoing IRR program

Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	\$0.50	-	\$0.50	\$1.00	\$1.00	-	-	-	-	\$0.75	\$3.75
<b>Financing</b>												
AlexRenew	-	\$0.20	-	\$0.20	\$0.40	\$0.40	-	-	-	-	\$0.30	\$1.50
Fairfax	-	\$0.30	-	\$0.30	\$0.60	\$0.60	-	-	-	-	\$0.45	\$2.25
<b>Lifetime Total:</b>											--	

Note: Prior Year amount represents adopted FY2024 budget.

**WRRF Safety and Security**

Project Location: WRRF – Campus-wide

Description: All improvement, rehabilitation, and replacement projects associated with safety systems at the plant.

Justification: To continuously improve the overall safety and security of AlexRenew employees, vendors, contractors, and visitors at the plant.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Ongoing IRR program

Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$1.05	\$1.03	\$1.03	\$0.20	\$0.22	\$0.22	\$0.23	\$0.24	\$0.24	\$0.25	\$0.26	\$3.92
<b>Financing</b>												
AlexRenew	\$0.42	\$0.41	\$0.41	\$0.08	\$0.09	\$0.09	\$0.09	\$0.09	\$0.10	\$0.10	\$0.10	\$1.57
Fairfax	\$0.63	\$0.62	\$0.62	\$0.12	\$0.13	\$0.13	\$0.14	\$0.14	\$0.15	\$0.15	\$0.15	\$2.35
	<b>Lifetime Total:</b>											-

Note: Prior Year amount represents adopted FY2024 budget.

**Collection System Projects**

Project Location: Joint Use Facilities

Description: All improvement, rehabilitation and replacement needs for collection system assets that serve both the City and Fairfax County to maintain their useful life

Justification: To maintain the full functionality and reliability of collection system.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Ongoing IRR program

Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$0.02	\$0.10	\$0.11	\$0.12	\$0.13	\$0.13	\$0.13	\$0.14	\$0.14	\$0.15	\$0.15	\$1.29
<b>Financing</b>												
AlexRenew	\$0.01	\$0.04	\$0.04	\$0.05	\$0.05	\$0.05	\$0.05	\$0.06	\$0.06	\$0.06	\$0.06	\$0.52
Fairfax	\$0.01	\$0.06	\$0.06	\$0.07	\$0.08	\$0.08	\$0.08	\$0.08	\$0.09	\$0.09	\$0.09	\$0.77
<b>Lifetime Total:</b>											–	

Note: Prior Year amount represents adopted FY2024 budget.

**Power Distribution Monitors**

Project Location: WRRF – Campus-wide

Description: All replacement, addition, and modernization of existing power monitors at the plant to renew obsolete power distribution monitor system.

Justification: To improve the functionality of the power distribution monitor system.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Ongoing IRR program

Status: Replace monitors as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$0.15	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	-	\$0.27
<b>Financing</b>												
AlexRenew	\$0.06	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	-	\$0.11
Fairfax	\$0.09	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	-	\$0.16
<b>Lifetime Total:</b>											-	

Note: Prior Year amount represents adopted FY2024 budget.

**Compliance Laboratory**

Description: All improvement, rehabilitation, and replacement projects associated with the compliance laboratory.

Justification: To maintain the full functionality and reliability of the compliance laboratory.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Ongoing IRR program

Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$0.05	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.02	\$0.13
<b>Financing</b>												
AlexRenew	\$0.02	\$0.00	\$0.00	\$0.00	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.05
Fairfax	\$0.03	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.08
<b>Lifetime Total:</b>											–	

Note: Prior Year amount represents adopted FY2024 budget.

**Tunnel Cleaning/Inspection**

Project Location: RiverRenew Tunnel

Description: Inspection and cleaning to optimize the functionality of the RiverRenew tunnel  
 Justification: To ensure the reliability and performance of the tunnel  
 Program: Improvement, Renewal, and Replacement (IRR) Program  
 Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)  
 Schedule: Ongoing  
 Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	-	-	-	-	-	\$0.55	\$0.57	\$0.58	\$0.60	\$0.62	\$2.92
<b>Financing</b>												
AlexRenew	-	-	-	-	-	-	\$0.22	\$0.23	\$0.23	\$0.24	\$0.25	\$1.17
Fairfax	-	-	-	-	-	-	\$0.33	\$0.34	\$0.35	\$0.36	\$0.37	\$1.75
<b>Lifetime Total:</b>										-		

Note: Prior Year amount represents adopted FY2024 budget.



**Information Technology Projects**

Project Location:

WRRF – Campus-Wide

Description: Ongoing lifecycle replacement and expansion of information technology (IT) assets.

Justification: To maintain the full functionality and reliability of AlexRenew’s IT assets.

Program: Improvement, Renewal, and Replacement (IRR) Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Ongoing IRR program

Status: Replacements or repairs, as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$0.30	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$5.00
<b>Financing</b>												
AlexRenew	\$0.12	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$2.00
Fairfax	\$0.18	\$0.30	\$0.30	\$0.30	\$0.30	\$0.30	\$0.30	\$0.30	\$0.30	\$0.30	\$0.30	\$3.00
<b>Lifetime Total:</b>											–	

Note: Prior Year amount represents adopted FY2024 budget.

**Commonwealth Interceptor Upgrade Project**

Project Location:

Commonwealth  
Interceptor

**Description:** The Commonwealth Interceptor is a separate sanitary sewer that collects flows from the Del Ray, Rosemont, and North Ridge neighborhoods (known as the Commonwealth Separate Sewer Area) in Alexandria. The interceptor has sufficient capacity to convey sanitary sewer flows to AlexRenew; however, during periods of intense rain, the Commonwealth Separate Sanitary Sewer Area (owned by the City) is overwhelmed by excess infiltration and inflow (I/I). This excess I/I can cause sewer flooding and basement backups. In coordination with the City, the project will identify and evaluate alternatives to mitigate capacity issues caused by excess I/I. Costs represent if alternative to upsize the Commonwealth Interceptor is determined to be best option.

**Justification:** To mitigate capacity issues from excess I/I to the Commonwealth Interceptor

**Program:** Capital Improvement Program

**Cost Share Category:** Alexandria Only (0% Fairfax County / 100% AlexRenew)

**Schedule:** Alternatives analysis in FY2023-2025, Design (if needed) in FY2025-2027, Construction (if needed) in FY2027-2030

**Status:** Alternatives analysis is underway

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$4.40	\$1.65	\$4.81	\$6.16	\$22.55	\$27.77	\$4.81	-	-	-	-	\$67.75
<b>Financing</b>												
AlexRenew	\$4.40	\$1.65	\$4.81	\$6.16	\$22.55	\$27.77	\$4.81	-	-	-	-	\$67.75
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>									\$72.15			

Note: Prior Years amount represents actual spend in FY2023 and adopted FY2024 budget.

**Arlington County Capital Contributions**

Project Location: Arlington County WPCP

**Description:** Arlington County treats wastewater flows from the northwestern quadrant of the City of Alexandria at its Water Pollution Control Plant (WPCP). Established in the service agreement between AlexRenew and Arlington County (dated July 1, 1977), AlexRenew makes annual contributions to Arlington County’s Capital Improvement Program based on the established capacity share to fund upgrades to the WPCP.

**Justification:** To ensure AlexRenew meets its obligations under the service agreement with Arlington County.

**Program:** Capital Improvement Program

**Cost Share Category:** Alexandria Only (0% Fairfax County / 100% AlexRenew)

**Schedule:** Ongoing

**Status:** Annual contributions support Arlington County’s identified project in their CIP

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$3.86	\$3.93	\$5.00	\$3.67	\$1.62	\$0.25	\$0.21	\$0.21	\$0.21	\$0.21	\$0.21	\$15.52
<b>Financing</b>												
AlexRenew	\$3.86	\$3.93	\$5.00	\$3.67	\$1.62	\$0.25	\$0.21	\$0.21	\$0.21	\$0.21	\$0.21	\$15.52
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>												\$19.38

Note: Prior Year amount represents adopted FY2024 budget.

**Potomac Interceptor Rehabilitation**

Project Location: Potomac Interceptor

**Description:** AlexRenew’s Potomac Interceptor collects combined sewer flows from the City of Alexandria’s sewer system through Old Town. A previous condition assessment identified the need to rehabilitate a portion of the Potomac Interceptor due to pipe settlement. Project will inspect and rehabilitate the Potomac Interceptor to address any existing and new issues.

**Justification:** To improve the performance and reliability of the Potomac Interceptor

**Program:** Capital Improvement Program

**Cost Share Category:** Alexandria Only (0% Fairfax County / 100% AlexRenew)

**Schedule:** Planning and design in FY2025-2026, Construction in FY2027-2029

**Status:** Project has not yet started. Planning to start in FY2025

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	\$0.46	\$1.08	\$3.74	\$5.97	\$3.50	-	-	-	-	-	\$14.76
<b>Financing</b>												
AlexRenew	-	\$0.46	\$1.08	\$3.74	\$5.97	\$3.50	-	-	-	-	-	\$14.76
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>									\$14.76			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Description:** In November 2023, AlexRenew launched a new billing and customer information system to replace the previous billing system and vendor who stopped providing services in January 2024. Ongoing services may be required to complete implementation.

**Justification:** To ensure continuous billing and customer service to AlexRenew’s customers.

**Program:** Capital Improvement Program

**Cost Share Category:** Alexandria Only (0% Fairfax County / 100% AlexRenew)

**Schedule:** Implementation completed in November 2023

**Status:** Ongoing work as needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$2.47	\$0.50	-	-	-	-	-	-	-	-	-	\$0.50
<b>Financing</b>												
AlexRenew	\$2.47	\$0.50	-	-	-	-	-	-	-	-	-	\$0.50
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>									\$2.97			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**4 MGD WRRF Expansion**

Project Location: WRRF – Campus-wide

Description: Project to identify and implement improvements to increase the capacity of the WRRF by 4MGD (from 54MGD to 58MGD) to accommodate future City flows.

Justification: The population of the City of Alexandria (COA) is expected to grow resulting in the generation of additional sewer flows that need treatment. An additional 4MGD is needed for City capacity based on sewer flow projections.

Program: Capital Improvement Program

Cost Share Category: Alexandria Only (0% Fairfax County / 100% AlexRenew)

Schedule: Facility plan in FY2025-2026, Design and construction in FY2029-2033

Status: Project to begin in FY2025

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	\$1.00	\$1.00	-	-	\$3.00	\$5.00	\$7.50	\$4.50	\$1.00	-	\$23.0
<b>Financing</b>												
AlexRenew	-	\$1.00	\$1.00	-	-	\$3.00	\$5.00	\$7.50	\$4.50	\$1.00	-	\$23.0
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>									\$23.00			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Environmental Center 5<sup>th</sup> Floor Build-out**

**Description:** The 5<sup>th</sup> floor of the Environmental Center was left unfurnished in the completion of the building to provide flexibility for future needs. The project will complete the build out of the space to provide additional office and collaboration space, including temporary use by the City of Alexandria’s Transportation and Environmental Services – Sanitary Infrastructure Division

**Justification:** To optimize the use of existing infrastructure and space.

**Program:** Capital Improvement Program

**Cost Share Category:** Alexandria Only (0% Fairfax County / 100% AlexRenew)

**Schedule:** Design in FY2024-FY2025, Construction in FY2025-2026

**Status:** Design of the 5<sup>th</sup> floor space is underway.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$1.00	\$2.00	\$1.00	-	-	-	-	-	-	-	-	\$3.00
<b>Financing</b>												
AlexRenew	\$1.00	\$2.00	\$1.00	-	-	-	-	-	-	-	-	\$3.00
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>										\$4.00		

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Environmental Center Lobby Upgrades**

Project Location: Environmental Center

Description: Upgrade AlexRenew’s administrative building’s lobby. Improvements include updates to the educational exhibits to incorporate understanding of AlexRenew’s new and existing assets and operations and security upgrades.

Justification: To educate visitors and the community about the important work AlexRenew does.

Program: Capital Improvement Program

Cost Share Category: Alexandria Only (0% Fairfax County / 100% AlexRenew)

Schedule: Design in FY2025, implementation in FY2026-2028.

Status: Design to start in FY2025

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	\$0.50	\$5.00	\$2.00	\$1.00	-	-	-	-	-	-	\$8.50
<b>Financing</b>												
AlexRenew	-	\$0.50	\$5.00	\$2.00	\$1.00	-	-	-	-	-	-	\$8.50
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>												\$8.50

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.



**Capital Financing Fees**

Project Location: Any AlexRenew asset

Description: Fees associated with the financing of the CIP program

Justification: Financing fees including financial advisory fees, legal fees, rate consultant work, loan applications fees and serving fees for debt funded capital projects.

Program: Capital Improvement Program

Cost Share Category: Alexandria Only (0% Fairfax County / 100% AlexRenew)

Schedule: Ongoing to support CIP

Status: As-needed

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$0.50	\$0.25	\$0.25	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$1.70
<b>Financing</b>												
AlexRenew	\$0.50	\$0.25	\$0.25	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$1.70
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>									\$2.20			

Note: Prior Year amount represents adopted FY2024 budget.

**Innovation District Pumping Station Support**

Project Location:

IDPS

**Description:** To implement any projects to support the commission of the Innovation District Pumping Station (IDPS).

**Justification:** The IDPS was built by a developer to serve the Virginia Tech (VT) Campus that is currently under development. AlexRenew took ownership of IDPS in September 2023 ahead of full build-out of the VT campus. As IDPS receives additional flows when new buildings are built, projects may be necessary to re-commission the pump station.

**Program:** Capital Improvement Program

**Cost Share Category:** Alexandria Only (0% Fairfax County / 100% AlexRenew)

**Schedule:** Implementation coordinates with full build-out of VT Campus, currently anticipated to be complete in FY2027.

**Status:** Projects as-needed to support commissioning

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$0.45	\$0.20	\$0.20	\$0.20	-	-	-	-	-	-	-	\$0.60
<b>Financing</b>												
AlexRenew	\$0.45	\$0.20	\$0.20	\$0.20	-	-	-	-	-	-	-	\$0.60
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>									\$1.05			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Pump Stations and Service Chambers  
Condition Assessment**

Project Location: Pump Stations/  
Service Chambers

Description: Perform a condition assessment of and implement any identified rehabilitation or replacement on AlexRenew’s two service chambers and five pump stations.

Justification: Project to improve the performance and reliability of AlexRenew’s service chambers and pump stations

Program: Capital Improvement Program

Cost Share Category: Alexandria Only (0% Fairfax County / 100% AlexRenew)

Schedule: Assessment/implementation in FY2025-2027

Status: Project to start in FY2025

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	\$0.25	\$0.25	\$0.25	-	-	-	-	-	-	-	\$0.75
<b>Financing</b>												
AlexRenew	-	\$0.25	\$0.25	\$0.25	-	-	-	-	-	-	-	\$0.75
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>									\$0.75			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Solids Process Upgrades**

**Description:** AlexRenew’s solids processes are being evaluated under a Solids Master Plan (SMP). The SMP identified short-term improvements and will identify medium- and long-term recommendations to improve solids handling and meet future process needs. Short-term improvements will be implemented through a Construction Management At-Risk (CMAR) contract.

**Justification:** To improve the performance and reliability of the WRRF’s solids processing.

**Program:** Capital Improvement Program

**Cost Share Category:** Joint (60% Fairfax County / 40% AlexRenew)

**Schedule:** SMP: FY2021-FY2025  
 Short-term improvements: CMAR Construction – FY2025-2028  
 Medium- and long-term improvements: to begin in FY2031

**Status:** SMP is ongoing, CMAR anticipated for FY2025.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$4.76	\$8.90	\$29.70	\$41.00	\$23.20	\$0.00	\$0.00	\$0.50	\$14.60	\$36.50	\$43.20	\$197.60
<b>Financing</b>												
AlexRenew	\$1.90	\$3.56	\$11.88	\$16.40	\$9.28	\$0.00	\$0.00	\$0.20	\$5.84	\$14.60	\$17.28	\$79.04
Fairfax	\$2.86	\$5.34	\$17.82	\$24.60	\$13.92	\$0.00	\$0.00	\$0.30	\$8.76	\$21.90	\$25.92	\$118.56
<b>Lifetime Total:</b>									\$202.36			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Preliminary and Primary System Upgrades**

**Description:** Program to assess and upgrade of AlexRenew’s preliminary and primary treatment systems that is reaching the end of their useful life. An initial assessment identified improvements that will be implemented through a Construction Manager At-Risk contract.

**Justification:** To improve the reliability and performance of the preliminary and primary systems.

**Program:** Capital Improvement Program

**Cost Share Category:** Joint (60% Fairfax County / 40% AlexRenew)

**Schedule:** Design FY2025-2026 and Construction FY2025-2031.

**Status:** CMAR anticipated to begin in FY2025.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$3.57	\$12.40	\$20.20	\$20.60	\$18.80	\$5.95	\$2.00	\$1.00	-	-	-	\$80.95
<b>Financing</b>												
AlexRenew	\$1.43	\$4.96	\$8.08	\$8.24	\$7.52	\$2.38	\$0.80	\$0.40	-	-	-	\$32.38
Fairfax	\$2.14	\$7.44	\$12.12	\$12.36	\$11.28	\$3.57	\$1.20	\$0.60	-	-	-	\$48.57
<b>Lifetime Total:</b>									\$84.52			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Tertiary System Upgrades**

Project Location: WRRF – Building G

Description: Project to assess, repair, and upgrade the tertiary treatment system that is reaching the end of its useful life. The project will include tertiary filters, settling tanks, and chemical dosing systems.

Justification: Improved reliability of the tertiary systems.

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Design of recommended repairs in FY2025. Construction expected to start in FY2027.

Status: Assessment in progress.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$1.00	\$0.50	\$1.50	\$9.50	\$18.10	\$5.00	-	-	-	-	-	\$34.60
<b>Financing</b>												
AlexRenew	\$0.40	\$0.20	\$0.60	\$3.80	\$7.24	\$2.00	-	-	-	-	-	\$13.84
Fairfax	\$0.60	\$0.30	\$0.90	\$5.70	\$10.86	\$3.00	-	-	-	-	-	\$20.76
<b>Lifetime Total:</b>									\$35.60			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.



## Centrate Pretreatment Facility Improvements

Project Location: WRRF – Building 69

**Description:** Centrate pretreatment (CPT) facility provides energy-efficient ammonia removal and requires upgrades. Project will assess, repair, and improve the CPT system.

**Justification:** To improve the reliability and efficiency of the CPT process.

**Program:** Capital Improvement Program

**Cost Share Category:** Joint (60% Fairfax County / 40% AlexRenew)

**Schedule:** Implementation in FY2025-2028

**Status:** A study is underway to assess the existing system and identify needed improvements. CPT facility improvements are planned to begin in FY2025.

### Project Financials:

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$0.50	\$1.00	\$1.50	\$5.00	\$5.00	-	-	-	-	-	-	\$12.50
<b>Financing</b>												
AlexRenew	\$0.20	\$0.40	\$0.60	\$2.00	\$2.00	-	-	-	-	-	-	\$5.00
Fairfax	\$0.30	\$0.60	\$0.90	\$3.00	\$3.00	-	-	-	-	-	-	\$7.50
<b>Lifetime Total:</b>									\$13.00			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.



**Campus-wide Electrical Upgrade Program**

Project Location: WRRF – Campus-wide

Description: AlexRenew relies on the electrical grid throughout the WRRF’s campus to ensure continuous operations of treatment equipment/processes. A program is needed to assess, design, and implement overhaul of the WRRF’s electrical grid and related infrastructure.

Justification: Ensure the reliability, safety, and efficiency of the WRRF’s electrical systems.

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Assessment and design in FY2025-2026, Construction in FY2027-2034

Status: Assessment to begin in FY2025.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	\$1.00	\$4.00	\$5.00	\$5.00	\$10.00	\$15.00	\$15.00	\$15.00	\$5.00	\$5.00	\$80.00
<b>Financing</b>												
AlexRenew	-	\$0.40	\$1.60	\$2.00	\$2.00	\$4.00	\$6.00	\$6.00	\$6.00	\$2.00	\$2.00	\$32.00
Fairfax	-	\$0.60	\$2.40	\$3.00	\$3.00	\$6.00	\$9.00	\$9.00	\$9.00	\$3.00	\$3.00	\$48.00
<b>Lifetime Total:</b>									\$80.00			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Buildings L and G Elevator Replacement**

Project Location:

WRRF – Buildings  
L & G

Description: The elevators in Buildings L and G are used daily to move people and equipment. Both Building L and G elevators are reaching end of useful life and require replacement.

Justification: To replace obsolete equipment and improve the reliability and performance of the elevators

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Construction in FY2025

Status: Procurement anticipated for FY2024 to construct in FY2025.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	\$2.00	-	-	-	-	-	-	-	-	-	\$2.00
<b>Financing</b>												
AlexRenew	-	\$0.80	-	-	-	-	-	-	-	-	-	\$0.80
Fairfax	-	\$1.20	-	-	-	-	-	-	-	-	-	\$1.20
<b>Lifetime Total:</b>									\$2.00			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Holmes Run Trunk Sewer Rehabilitation**

Project Location:

HRTS

**Description:** Holmes Run Trunk Sewer (HRTS) conveys flows from both Fairfax County and the City of Alexandria to the WRRF. Project will implement lining and other rehabilitation activities identified through a condition assessment in 2017. Project is anticipated to coordinate with City of Alexandria’s Holmes Run Trail Flood Damage Repair project.

**Justification:** Improve performance of the HRTS.

**Program:** Capital Improvement Program

**Cost Share Category:** Joint (60% Fairfax County / 40% AlexRenew)

**Schedule:** Design in FY2024-2025, Construction in FY2025-2026.

**Status:** Design underway

**Project Financials:**

Expenditure	Fiscal Year (\$M)											Total
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
Total	\$0.20	\$2.00	\$12.30	-	-	-	-	-	-	-	-	\$14.30
<b>Financing</b>												
AlexRenew	\$0.08	\$0.80	\$4.92	-	-	-	-	-	-	-	-	\$5.72
Fairfax	\$0.12	\$1.20	\$7.38	-	-	-	-	-	-	-	-	\$8.58
<b>Lifetime Total:</b>										\$14.50		

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Warehouse and Inventory Upgrade**

Project Location: WRRF – Building F

**Description:** AlexRenew warehouse is used to store spare parts, equipment, and supplies necessary to maintain treatment processes. The existing warehouse space has limited storage space. Project will repurpose an existing facility to serve as AlexRenew’s centralized warehouse to provide additional space for storage and coordinate with ongoing asset management project.

**Justification:** To improve storage of and access to necessary spare parts, equipment, and supplies for maintaining AlexRenew’s assets.

**Program:** Capital Improvement Program

**Cost Share Category:** Joint (60% Fairfax County / 40% AlexRenew)

**Schedule:** Planning and design in FY2024-2025, Construction in FY2027-2029.

**Status:** Planning and design underway.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$1.50	\$1.00	-	\$2.00	\$5.00	\$1.00	-	-	-	-	-	\$9.00
<b>Financing</b>												
AlexRenew	\$0.60	\$0.40	-	\$0.80	\$2.00	\$0.40	-	-	-	-	-	\$3.60
Fairfax	\$0.90	\$0.60	-	\$1.20	\$3.00	\$0.60	-	-	-	-	-	\$5.40
<b>Lifetime Total:</b>									\$10.50			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**HMI Upgrade**

Project Location: WRRF – Campus-wide

Description: AlexRenew uses a Human Machine Interface (HMI) application as part of the WRRF’s supervisory control and data acquisition (SCADA) system to monitor and operate equipment and treatment processes. Upgrades are needed to ensure system is modernized.

Justification: To ensure HMI application meets current industry standards and best practices for SCADA.

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Implementation in FY2018-2026.

Status: Implementation underway

**Project Financials:**

Expenditure	Fiscal Year (\$M)											Total
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
Total	\$3.26	\$1.40	\$0.26	-	-	-	-	-	-	-	-	\$1.66
<b>Financing</b>												
AlexRenew	\$1.31	\$0.56	\$0.10	-	-	-	-	-	-	-	-	\$0.66
Fairfax	\$1.96	\$0.84	\$0.16	-	-	-	-	-	-	-	-	\$1.00
<b>Lifetime Total:</b>									\$4.92			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Plantwide Sump and Drain System Updates**

Project Location: WRRF – Campus-wide

Description: The WRRF includes a system of various sump and drain infrastructure to remove fluids from process areas. Project will assess, repair, and modify of the sumps and drainage systems.

Justification: Improved reliability of the WRRF drainage network.

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Assessment and implementation in FY2026-2029

Status: Project moved to start in FY2026.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$0.20	-	\$0.20	\$0.50	\$0.50	\$1.50	-	-	-	-	-	\$2.70
<b>Financing</b>												
AlexRenew	\$0.08	-	\$0.08	\$0.20	\$0.20	\$0.60	-	-	-	-	-	\$1.08
Fairfax	\$0.12	-	\$0.12	\$0.30	\$0.30	\$0.90	-	-	-	-	-	\$1.62
<b>Lifetime Total:</b>									\$2.90			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Plant Effluent Water System Improvements**

Project Location: WRRF – Building F

Description: AlexRenew’s WRRF uses highly-treated plant effluent water instead of potable water to support operations. Upgrades to various components of the plant effluent water system are needed.

Justification: Increased reliability and efficiency of the plant effluent water system.

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Design and construction in FY2026-2027.

Status: Project not yet started.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	-	\$2.29	\$1.80	-	-	-	-	-	-	-	\$4.09
<b>Financing</b>												
AlexRenew	-	-	\$0.92	\$0.72	-	-	-	-	-	-	-	\$1.64
Fairfax	-	-	\$1.37	\$1.08	-	-	-	-	-	-	-	\$2.45
<b>Lifetime Total:</b>									\$4.09			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**NMF Wet Well Modifications**

Project Location: Building 60 (NMF)

Description: AlexRenew’s Nutrient Management Facility (NMF) was constructed to include a wet well that is no longer needed. Project will assess, design, and construct modifications to or eliminate the NMF wet well.

Justification: To modify the NMF wet well to ensure efficient performance of NMF.

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Assessment in FY2026, Design and construction in FY2029-2030

Status: Project has not yet started

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	-	\$1.00	-	-	\$2.00	\$2.00	-	-	-	-	\$5.00
<b>Financing</b>												
AlexRenew	-	-	\$0.40	-	-	\$0.80	\$0.80	-	-	-	-	\$2.00
Fairfax	-	-	\$0.60	-	-	\$1.20	\$1.20	-	-	-	-	\$3.00
<b>Lifetime Total:</b>									\$5.00			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.



**Secondary Settling Tanks Refurbishment**

Description: AlexRenew uses settling tanks (SSTs) as part of its secondary treatment processes. The internal chain and flight systems used in the SSTs are reaching the end of their useful life and require replacement.

Justification: Improve the reliability and performance of the SSTs

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Design in FY2025; Construction in FY2026-2027

Status: Equipment procurement to begin in FY2025.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	\$1.50	\$2.00	\$2.00	-	-	-	-	-	-	-	\$5.50
<b>Financing</b>												
AlexRenew	-	\$0.60	\$0.80	\$0.80	-	-	-	-	-	-	-	\$2.20
Fairfax	-	\$0.90	\$1.20	\$1.20	-	-	-	-	-	-	-	\$3.30
<b>Lifetime Total:</b>												\$5.50

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Security Services During Construction**

Project Location: WRRF – Campus-wide

Description: AlexRenew uses security guards posted at entry points to monitor access onto the WRRF. During construction of the RiverRenew Tunnel Project, additional guards were required to allow trucks to use additional WRRF gates.

Justification: To maintain site security during and support construction of RiverRenew Tunnel project.

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Schedule aligns with the RiverRenew Tunnel Project construction

Status: Ongoing, as-needed to support truck routes

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$1.84	\$0.55	\$0.55	\$0.55	-	-	-	-	-	-	-	\$1.65
<b>Financing</b>												
AlexRenew	\$0.74	\$0.22	\$0.22	\$0.22	-	-	-	-	-	-	-	\$0.66
Fairfax	\$1.10	\$0.33	\$0.33	\$0.33	-	-	-	-	-	-	-	\$0.99
<b>Lifetime Total:</b>									\$3.49			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

FY2025 Capital Budget  
**Security Upgrades**

Project Location: WRRF – Campus-wide

Description: The ongoing security of AlexRenew’s campus is essential to ensuring ongoing operations. Project to implement upgrades throughout AlexRenew’s WRRF campus to improve safety and security, including cameras, security fencing, and doors/gates.

Justification: To upgrade WRRF to changing security threats.

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Design and implementation in FY2025

Status: Project to start in FY2025

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	\$1.00	-	-	-	-	-	-	-	-	-	\$1.00
<b>Financing</b>												
AlexRenew	-	\$0.40	-	-	-	-	-	-	-	-	-	\$0.40
Fairfax	-	\$0.60	-	-	-	-	-	-	-	-	-	\$0.60
<b>Lifetime Total:</b>									\$1.00			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Reclaimed Water System Upgrade**

Project Location: WRRF – Building F

Description: AlexRenew has the capability to produce reclaimed water (RW) for use on-site or in the community. The RW system requires upgrades to ensure it remains operational and reliable.

Justification: To meet future RW demands and maintain system performance and reliability.

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Design in FY2025-2027, Construction in FY2029-2032

Status: Existing system performance was assessed under a previous study

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	\$0.16	\$1.00	\$1.05	-	\$1.25	\$1.25	\$1.25	\$1.25	-	-	\$7.21
<b>Financing</b>												
AlexRenew	-	\$0.06	\$0.40	\$0.42	-	\$0.50	\$0.50	\$0.50	\$0.50	-	-	\$2.88
Fairfax	-	\$0.10	\$0.60	\$0.63	-	\$0.75	\$0.75	\$0.75	\$0.75	-	-	\$4.33
<b>Lifetime Total:</b>									\$7.21			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**WRRF HVAC System Upgrade**

Project Location: WRRF – Campus-wide

Description: Assessment, replacement, and modification of HVAC systems across the AlexRenew campus.

Justification: Increased reliability and performance of campus HVAC systems.

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Assessment, design, and construction in FY2029-2034

Status: Project has not yet started.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	-	-	-	-	\$2.00	\$2.50	\$5.50	\$2.50	\$1.50	\$0.50	\$14.50
<b>Financing</b>												
AlexRenew	-	-	-	-	-	\$0.80	\$1.00	\$2.20	\$1.00	\$0.60	\$0.20	\$5.80
Fairfax	-	-	-	-	-	\$1.20	\$1.50	\$3.30	\$1.50	\$0.90	\$0.30	\$8.70
<b>Lifetime Total:</b>									\$14.50			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Plantwide Chemical System Updates**

Project Location: WRRF – Campus-wide

Description: AlexRenew uses chemicals for process control and permit compliance. These chemicals must be safely stored and distributed to multiple unit processes on-site. Chemical storage and distribution systems are approaching the end of their useful life.

Justification: Improve reliability and safety of the WRRF’s chemical systems.

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Planning and design in FY2025, Construction in FY2026-2027

Status: A chemical system study will be performed in FY2025.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	\$2.00	\$2.00	\$5.00	-	-	-	-	-	-	-	\$9.00
<b>Financing</b>												
AlexRenew	-	\$0.80	\$0.80	\$2.00	-	-	-	-	-	-	-	\$3.60
Fairfax	-	\$1.20	\$1.20	\$3.00	-	-	-	-	-	-	-	\$5.40
<b>Lifetime Total:</b>									\$9.00			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**Description:** The garage of the Environmental Center was designed to connect to the future Carlye Plaza II development. Engineering and/or construction oversight services are necessary to ensure that considerations for the protection of the Environmental Center and AlexRenew’s operations are considered and coordinated with the design and construction of the future development.

**Justification:** To protect the Environmental Center structure and maintain AlexRenew’s operations during the Carlye Plaza II development’s design and construction

**Program:** Capital Improvement Program

**Cost Share Category:** Joint (60% Fairfax County / 40% AlexRenew)

**Schedule:** Project will align with the Carlye Plaza II development’s design and construction schedule, currently anticipated for FY2029-2032

**Status:** Project has not yet started

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	-	-	-	-	\$0.20	\$0.30	\$0.30	\$0.30	-	-	\$1.10
<b>Financing</b>												
AlexRenew	-	-	-	-	-	\$0.08	\$0.12	\$0.12	\$0.12	-	-	\$0.44
Fairfax	-	-	-	-	-	\$0.12	\$0.18	\$0.18	\$0.18	-	-	\$0.66
<b>Lifetime Total:</b>									\$1.10			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**North Bridge Structural Upgrades**

Project Location: WRRF – North Bridge

Description: AlexRenew’s North Bridge, which was built in 1976 serves as a primary access point for all deliveries and hauling for WRRF operations. This project will assess, design, and implement any structural upgrades necessary.

Justification: Maintain the structural integrity of the North Bridge

Program: Capital Improvement Program

Cost Share Category: Joint (60% Fairfax County / 40% AlexRenew)

Schedule: Design in FY2030-2032, Construction in FY2032-2034

Status: Project has not yet started

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	-	-	-	-	-	-	\$0.50	\$1.00	\$1.00	\$3.00	\$5.00	\$10.50
<b>Financing</b>												
AlexRenew	-	-	-	-	-	-	\$0.20	\$0.40	\$0.40	\$1.20	\$2.00	\$4.20
Fairfax	-	-	-	-	-	-	\$0.30	\$0.60	\$0.60	\$1.80	\$3.00	\$6.30
<b>Lifetime Total:</b>									\$10.50			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.



**Climate Change Resiliency Program**

Project Location: WRRF – Campus-wide

**Description:** AlexRenew is susceptible to climate change impacts including extreme temperatures and more frequent/intense weather events. This program assesses facility vulnerabilities to climate change impacts and implements engineering solutions to protect AlexRenew assets and personnel.

**Justification:** Program aligns with AlexRenew’s strategic goal of Environmental Sustainability.

**Program:** Capital Improvement Program

**Cost Share Category:** Joint (60% Fairfax County / 40% AlexRenew)

**Schedule:** Study/short-term initiatives to be completed in FY2027, long-term initiatives to begin implementation in FY2033.

**Status:** Study to identify short- and long-term initiatives to be completed in FY2025.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$0.25	\$0.50	\$0.50	\$0.25	-	-	-	-	-	\$5.00	\$7.00	\$13.25
<b>Financing</b>												
AlexRenew	\$0.10	\$0.20	\$0.20	\$0.10	-	-	-	-	-	\$2.00	\$2.80	\$5.30
Fairfax	\$0.15	\$0.30	\$0.30	\$0.15	-	-	-	-	-	\$3.00	\$4.20	\$7.95
<b>Lifetime Total:</b>										\$13.50		

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**RiverRenew Tunnel Project – Alex-Only**

Project Location:

Various

**Description:** AlexRenew is constructing a tunnel, pump stations, and sewer infrastructure to address combined sewer overflows in Alexandria. Improvements will bring Alexandria’s four existing combined sewer outfalls into compliance. Program includes wastewater projects completed at the WRRF in advance of tunnel project construction.

**Justification:** A 2017 Virginia law required Alexandria’s four existing combined sewer to be brought into compliance.

**Program:** Capital Improvement Program

**Cost Share Category:** Alexandria Only (0% Fairfax County / 100% AlexRenew)

**Schedule:** RiverRenew wastewater projects completed in FY2021. RiverRenew tunnel project construction in FY2021-2026

**Status:** Construction is underway.

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$65.50	\$17.20	\$0.40	-	-	-	-	-	-	-	-	\$17.60
<b>Financing</b>												
AlexRenew	\$65.50	\$17.20	\$0.40	-	-	-	-	-	-	-	-	\$17.60
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
<b>Lifetime Total:</b>									\$83.10			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**RiverRenew Tunnel Project – Joint**

Project Location:

Various

**Description:** AlexRenew is constructing a tunnel, pump stations, and sewer infrastructure to address combined sewer overflows in Alexandria. Improvements will bring Alexandria’s four existing combined sewer outfalls into compliance. Program includes wastewater projects at the completed at the WRRF in advance of tunnel project construction.

**Justification:** A 2017 Virginia law required Alexandria’s four existing combined sewer to be brought into compliance.

**Program:** Capital Improvement Program

**Cost Share Category:** Joint (60% Fairfax County / 40% AlexRenew)

**Schedule:** RiverRenew wastewater projects completed in FY2021. RiverRenew tunnel project construction in FY2021-2026

**Status:** Construction is underway

**Project Financials:**

Expenditure	Fiscal Year (\$M)											
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Total
Total	\$439.90	\$90.50	\$1.50	-	-	-	-	-	-	-	-	\$92.00
<b>Financing</b>												
AlexRenew	\$175.96	\$36.20	\$0.60	-	-	-	-	-	-	-	-	\$36.80
Fairfax	\$263.94	\$54.30	\$0.90	-	-	-	-	-	-	-	-	\$55.20
<b>Lifetime Total:</b>									\$531.90			

Note: Prior Years amount represents actual spend through FY2023 and adopted FY2024 budget.

**COVER – Rates, Rules, and Regulations**

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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.

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## 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 AlexRenew (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 AlexRenew.

**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	<del>Adopted-Current</del> Effective July 1, 2023	Adopted Effective July 1, 2024
Individually Metered Residential Service – Wastewater Treatment Charge <sup>1</sup>	All Meters	\$9.76 <sup>2</sup>	\$10.26 <sup>2</sup>
Commercial Service – Wastewater Treatment Charge			

<sup>1</sup>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-winter quarter average~~ billing cap as further defined in subsequent sections of the Rates, Rules, and Regulations.

<sup>2</sup>Per 1,000 gallons

**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	<del>Adopted-Current</del> Effective July 1, 2023	Adopted Effective July 1, 2024
Residential Base Charge	All Meters	\$13.85	\$14.57
Commercial Base Charge	5/8"	\$41.55	\$43.68
	3/4"	\$41.55	\$43.68
	1"	\$103.87	\$109.19
	1-1/2"	\$207.74	\$218.38
	2"	\$332.39	\$349.41
	3"	\$623.23	\$655.14
	4"	\$1,038.72	\$1,091.90
	6"	\$2,077.43	\$2,183.80
8"	\$3,323.89	\$3,494.08	
Minimum Deposit Based on Meter Size	-	\$0.00	\$0.00
Residential Customer Activation Fee	-	\$15.00	\$15.00

Monthly Wastewater Treatment Winter Quarter Average Billing Cap:

Individually metered residential ~~(single-family)~~ customers may use water for outdoor uses such as ~~to irrigate lawns, plants irrigation,~~ and other ~~landscaping-landscaping needs~~ 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~~ quarter 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~~AlexRenew.

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-residential single-family~~ ~~C~~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 ~~quarterperiod~~ quarter 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~~quarter.

A customer using less than 1,000 gallons per month or recording zero (0) water usage during any single month within the winter quarter will not be eligible for the billing cap. These customers will be billed based on their monthly metered water consumption (gallons). -If no bills are rendered to the customer for water service during the winter ~~period~~quarter, then the customer will be billed based on their monthly metered water consumption (gallons) up to a maximum of 12,000 gallons per month monthly wastewater treatment billing cap shall be established at 4,000 gallons a month until a winter ~~period~~quarter average ~~can is~~ be established.

The Wastewater Treatment Charges billed to ~~Commercial-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~~ winter quarter average billing cap<sup>2</sup>. To the extent a Commercial 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 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 AlexRenew 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, AlexRenew 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

AlexRenew 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 AlexRenew 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 AlexRenew 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 ~~\$4550.00~~ added to the account. ~~This Payment of this charge, together with any arrears that may be due AlexRenew, may be required before utility the service is restored, 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. "AlexRenew" shall mean the City of Alexandria, Virginia Sanitation Authority d/b/a AlexRenew.
- 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 AlexRenew. 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 AlexRenew.

- 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 Virginia American Water. 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 AlexRenew.
- 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 AlexRenew. 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 AlexRenew, 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 AlexRenew, 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 AlexRenew for observation or inspection at reasonable hours.
- c. Employees or agents of AlexRenew are expressly forbidden to demand or 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 AlexRenew 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 AlexRenew should be made in writing or electronically to AlexRenew.

#### Rule No. 3 – Special Contracts

AlexRenew 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 AlexRenew 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 AlexRenew, any easement necessary for installation, operation and maintenance of sanitary sewers or other facilities owned by AlexRenew.

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 AlexRenew unless expressly authorized in writing by AlexRenew.

It is the responsibility of Virginia American Water 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 AlexRenew 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. AlexRenew reserves the right, at its sole discretion, to estimate the quantity of sewer service required by such specialized appliance or process.
- c. AlexRenew 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 AlexRenew.
- d. If the quality of wastewater discharge does not comply with the requirements of AlexRenew, 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 Virginia American Water. 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 AlexRenew for purposes of billing its Customers the monthly Wastewater base charges and wastewater treatment charges. AlexRenew reserves the right to estimate the amount of wastewater flow if the water meter readings are considered inaccurate; AlexRenew 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 AlexRenew .

- b. Deduct Meters will be read monthly by AlexRenew or its designee.
- c. The customer shall promptly notify Water Company and AlexRenew of any calibration failure, defect in, or damage to the meter or its connection.

#### Rule No. 7 – Sewer Meters

- a. AlexRenew 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 AlexRenew for reading. If access is deemed unsafe by AlexRenew 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 AlexRenew .

#### Rule No. 8 – Deduct Meters

- a. Where AlexRenew 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 AlexRenew.
- 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 AlexRenew; if a Customer does not provide AlexRenew a copy of the deduct meter calibration results, AlexRenew reserves the right to discontinue the recognition of the deduct meter water flows in the application of Wastewater Treatment Charges.
- c. AlexRenew 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, AlexRenew 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 AlexRenew or such other places or methods as may be designated by AlexRenew .
- f. AlexRenew reserves the right to correct any bills rendered in error.
- g. Each Customer, as defined in Rule No. I, 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 AlexRenew 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 AlexRenew to the owner or lessee or tenant of such real estate for the services rendered by AlexRenew 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 AlexRenew 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 may be charged and collected by AlexRenew.
- f. AlexRenew 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 AlexRenew, 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~~ Water service may be discontinued by AlexRenew, 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 AlexRenew/Alexandria Renew Enterprises.~~
  - ~~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 AlexRenew/Alexandria Renew Enterprises controlling or regulating the Customer's water supply or sewage flow.~~
  - ~~iv. Failure to provide AlexRenew's/Alexandria Renew Enterprises' 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.i. Nonpayment of any account for wastewater service, or for any fee or charge accruing under these Rates, Rules, and Regulations.~~
  - ~~vi.ii. Violation of any rule or regulation of AlexRenew.~~
  - ~~vii. Failure to correct cross connection violations as identified by AlexRenew/Alexandria Renew Enterprises, 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 AlexRenew 's/Alexandria Renew Enterprises' "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, AlexRenew 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 AlexRenew 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 AlexRenew and may require 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 Rates, 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 may 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 AlexRenew 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 AlexRenew 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 AlexRenew. Same-day water service restoration will not be provided. It is the Customer's responsibility to ensure payment has been received by AlexRenew.
- c. If at the time of such discontinuance of service for nonpayment of bill the customer has not made a deposit, AlexRenew 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 AlexRenew, and where all bills have been paid, AlexRenew may 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.

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

- b. AlexRenew 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 AlexRenew, 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, AlexRenew 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.

AlexRenew 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

AlexRenew 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, 202~~4~~<sup>3</sup> and shall remain in effect thereafter until further revised.

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