



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

Tuesday, April 16, 2024 – 6:00 p.m.

Regular Board of Directors 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 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 after the meeting.

No.	Item	Presenter	Action
1.	Call to Order (6:00 p.m.)	Chair	
2.	Approval of Agenda (6:02 p.m.)	Chair	Approval
3.	Public Comment Period (6:05 p.m.)	Chair	
4.	Consent Agenda (6:10 p.m.)	Chair	Approval
	a. Minutes from March 19, 2024, meeting (Tab 1)		
	b. Review and Approval of a Resolution Authorizing an Extension of the Line of Credit Financing (Alex Only) (Tab 2)		
5.	Member and Committee Updates (6:15 p.m.)	Chair	Information
	a. Community Meetings (Tab 3)		
	b. Finance & Audit Committee		
	c. Governance Committee		
6.	Unfinished Business (6:20 p.m.)	Chair	
	a. Update on Enhancements to AlexRenew’s Payment Assistance Program		Information
	b. Consideration of FY2025 Draft Operating and Capital Budget and Proposed Winter Quarter Average for Public Notice and Set Public Hearing for Saturday, May 18, at 9:30 a.m. (Tab 4)		Approval
7.	New Business (6:40 p.m.)	Chair	Information
	a. Overview of Compensation Study (Tab 5)	Ms. Callahan	
8.	AlexRenew Monthly Outcomes Update (7:05 p.m.) (Tab 6)	Mr. Carl	Information
9.	Closed Session for discussion of real property acquisition for public purposes, or the disposition of publicly held property and consultation with legal counsel employed by the public body regarding specific legal matters, where discussion in an open meeting would adversely affect the bargaining position of the public body (7:15 p.m.)	Chair	
10.	Adjourn (7:45 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 (3) business days prior to the meeting.

A Public Hearing on AlexRenew FY2025 Proposed Budget tentatively scheduled for Saturday, May 18, 2023, at 9:30 a.m. The next Regular Board of Directors meeting is scheduled for Tuesday, May 21, 2024.

Minutes of the 916th Meeting
“Celebrating Over 60 Years of Continuous Environmental Excellence”
AlexRenew Board of Directors
6:00 p.m., Tuesday, March 19, 2024

On Tuesday, March 19, 2024, the AlexRenew Board of Directors held its regular meeting in the Edward Semonian Board Room at 1800 Limerick Street, and broadcast via Microsoft Teams, with the following present:

Members: Mr. John Hill, Chair
Ms. Adriana Caldarelli, Secretary-Treasurer
Mr. Mark Jinks, Member
Ms. Becky Hammer, Member

Absent: Mr. James Beall, Vice Chair

Staff: Mr. Justin Carl, General Manager/Chief Executive Officer
Ms. Amanda Waters, General Counsel and Deputy General Manager
Ms. Caitlin Feehan, Chief Administrative Officer
Ms. Felicia Glapion, Chief Engineering Officer
Mr. Lake Akinkugbe, Director of Finance
Mr. Matt Robertson, Director of Communications
Ms. Lorna Huff, Executive Assistant to the Board

Consultants: Ms. Rosey Jencks, National Equity Lead,
Brown & Caldwell

Ms. Priyanka Saha, Project Manager,
Environmental Justice Assessment,
Brown & Caldwell

Fairfax County
Representative: Mr. William Barrack, Branch Chief,
Wastewater Planning and Monitoring Division

City Representative: Ms. Erin Bevis-Carver, Division Chief,
Sanitary Infrastructure Division

1. Call to Order

The Chair called the meeting to order at 6:00 p.m.

2. Approval of Agenda

The Chair requested a motion to approve the agenda. Ms. Hammer moved. Ms. Caldarelli seconded. The Board unanimously approved.

3. Public Comment Period

There were 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 February 20, 2024, meeting, and the Review and Approval of a Contract Award for the CMAR for AlexRenew's Preliminary and Primary Systems Upgrade. Mr. Carl reported that AlexRenew was moving from planning to design phase with a contract award in the amount of \$811,000 to GHD for the remaining fiscal year. There being no additional questions or comments, the Chair requested a motion to approve. Ms. Caldarelli moved, and Ms. Hammer seconded. The Board unanimously approved.

5. Member and Committee Updates

a. Community Meetings

The Chair attended a meeting of the Federation of Civic Associations. The Association chair was impressed with the resolutions to AlexRenew's customer service migration issues and progress on RiverRenew and LEAP programs.

b. Finance and Audit Committee

Mr. Jinks reported on the Finance and Audit Committee meeting held the previous evening where staff presented AlexRenew's FY2025 Operating and Capital Budget and proposed rates, fees and charges. The full Board will be asked to approve it at the April 16 meeting. In May, a public hearing will be held to accept public comment and final Board approval.

Mr. Carl reviewed updated slides to address member's questions and comments from the Finance and Audit Committee meeting.

c. Governance Committee

i. Review Recommended Updates to Board Committees Policy and Financial Policy

The Chair recognized Ms. Hammer who reported that the updates to the policies were developed by Mr. Jinks who reported that after a detailed review by the Governance Committee and Board members, the revised policies are ready for Board approval.

There being no additional questions or comments, the Chair requested a motion to approve the updates to the Board Committees and Financial Policies. Ms. Hammer moved, and Ms. Caldarelli seconded. The Board unanimously approved.

ii. Board Compensation Philosophy Discussion

Mr. Carl reported that staff will discuss modifications to AlexRenew's Compensation Philosophy based on the results of the biannual compensation study in April. Modifications to the current Compensation Philosophy include benefits and other programs. Staff would like to hold a Governance Committee meeting to review and discuss a draft of proposed changes.

6. Unfinished Business

a. Review Memorandum Outlining Legal Requirements Related to Funding a Customer Assistance Program with Rate Revenue

Ms. Waters examined the legal issues related to funding a customer assistance program (CAP) using AlexRenew rate revenue. She provided an overview of legal and policy considerations and a risk assessment of all options. Staff recommended that AlexRenew collaborate with other authorities to determine whether there is interest in changing the Virginia Water and Sewer Authorities Act (the Authorities Act) to accommodate a ratepayer CAP while simultaneously continuing to explore other ways to fund the Low-Income Emergency Assistance Program (LEAP). Members discussed funding alternatives and programs being considered by other localities and the pros and cons of changing the Authorities Act.

Members will be briefed periodically as staff continues to research options.

7. New Business

a. Environmental Justice Policy Assessment

Ms. Water introduced Ms. Jencks, Ms. Saha and Mr. Coles who provided an overview of AlexRenew’s Environmental Justice Policy and current assessment underway. Ms. Jencks reviewed prior experience with similar organizations implementing Environmental Justice Policies. She reviewed the three phases from data collection through final implementation in October 2024.

Ms. Saha reported on AlexRenew’s current infrastructure and opportunities for community engagement with projects in the City (Homes Run Trunk Sewer, Potomac Yard Pump Station and Commonwealth Interceptor) as well as within the AlexRenew workforce. She further reported on Alexandria’s Environmental Justice initiatives and steps going forward. The Chair commended the Environmental Justice Assessment and looks forward to future updates

8. Monthly Outcomes Update

The Chair recognized Mr. Carl who referenced page 5 noting that AlexRenew is set up for Spring2Action donations for LEAP. AlexRenew held a kick-off meeting with the City to discuss the move of certain offices in Transportation and Environmental Services (T&ES) on AlexRenew’s 5th floor.

Mr. Carl reported that call volumes were returning to normal. He noted that the Governor signed the bill extending the RiverRenew completion date to July 1, 2026. Hazel’s tunnel work was completed on March 13. She is scheduled to be lifted on March 21. Members should advise if they would like to attend. Staff sent a draft proclamation to the mayor’s office to make Saturday, April 13, Hazel the TBM Day. AlexRenew will operate an Open House for the community and staff.

There being no additional business, the Chair requested a motion to adjourn. Ms. Hammer moved and Ms. Caldarelli seconded. The Board unanimously approved. The meeting was adjourned at 7:40 p.m.

APPROVED:

Secretary-Treasurer



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MEMORANDUM

TO: AlexRenew Board of Directors

THROUGH: Justin Carl, General Manager and CEO

FROM: Caitlin Feehan, Chief Administrative Officer

DATE: April 16, 2024

SUBJECT: *Consent Agenda, Alexandria Only*
Review and Approve Resolution to Extend the Line of Credit Financing

Issue

AlexRenew has an existing \$60 million line of credit financing (line) with Bank of America, N.A. that serves as a valuable tool to help AlexRenew meet financial policy requirements. The line expires on June 30, 2024 and requires an extension to the maturity date.

Recommendation

Staff respectfully requests the Board approve the attached Resolution to extend the maturity date on the line to June 30, 2026.

Budget and Funding

The line is revolving, meaning that as the outstanding balance (or a portion thereof) is repaid, new funds can be drawn under the line, up to the \$60 million. The rate on the line is variable and is based upon market conditions. The rate has averaged 1.71 percent since inception. The line is structured as subordinate debt under AlexRenew's Master Indenture of Trust.

Discussion

The line was procured by a process of competitive negotiation in January 2020. The line has served as a backup funding mechanism for RiverRenew in the event of a federal government shutdown since the program is now primarily being funded by the EPA Water Infrastructure and Finance Act loan (federal funds). Additionally, in FY2025, AlexRenew will start two major projects to upgrade its solids and preliminary treatment systems.

The purpose of extending the line is to continue to have emergency funding for RiverRenew in the event of a federal government shutdown and fund capital projects on an interim basis, if necessary. Any balance on the line would be repaid with debt proceeds.

Congruence with AlexRenew Strategic Plan

This action supports the strategic outcome of Operational Excellence.

ACTION TAKEN

Approved: _____

Disapproved: _____

Approved with Modification: _____

Modification(s): _____

CITY OF ALEXANDRIA, VIRGINIA, SANITATION AUTHORITY

RESOLUTION APPROVING AN EXTENSION OF THE LINE OF CREDIT FINANCING

WHEREAS, the City of Alexandria, Virginia, Sanitation Authority d/b/a Alexandria Renew Enterprises ("**Alexandria Renew**") is a public body politic and corporate of the Commonwealth of Virginia (the "**Commonwealth**") created pursuant to the Virginia Water and Waste Authorities Act, Chapter 51, Title 15.2 of the Code of Virginia of 1950, as amended (the "**Act**");

WHEREAS, the Board of Directors of Alexandria Renew (the "**Board**") previously authorized and Alexandria Renew previously entered into a \$60 million line of credit financing to finance the costs of capital projects on an interim basis, which expires on June 30, 2024;

WHEREAS, the Board desires to extend the term of availability of the line of credit for advances and the maturity date of borrowings under the line of credit to June 30, 2026, subject to the terms of this Resolution;

WHEREAS, Alexandria Renew's obligations under the line of credit are and will be evidenced by, among other things (i) Line of Credit Notes, Subordinate Series (or amendments to the existing notes, each a "**Note**") and (ii) a financing, credit or other such agreement (or an amendment to the existing financing agreement, each a "**Financing Agreement**") between Alexandria Renew and the line of credit lender; and

WHEREAS, each Note is and will be subordinate debt ("**Subordinate Debt**") under the Master Indenture of Trust dated as of March 15, 1999 (as supplemented and amended, the "**Master Indenture**"), between Alexandria Renew and U.S. Bank National Association, as successor trustee (the "**Trustee**"), and a supplemental indenture dated on or about the date of issuance of the Note between Alexandria Renew and the Trustee (or an amendment to an existing supplemental indenture, each a "**Supplemental Indenture**"), and each Note is and will be secured by a pledge of the net revenues (as more particularly defined in the Master Indenture, the "**Net Revenues**") derived by Alexandria Renew from the ownership and operation of its sewage disposal and sewer systems (as more particularly defined in the Financing Agreement, the "**System**"), subject to the terms of the Master Indenture regarding the status of Subordinate Debt.

NOW, THEREFORE, IN FURTHERANCE OF THE PUBLIC PURPOSE FOR WHICH THE CITY OF ALEXANDRIA, VIRGINIA, SANITATION AUTHORITY WAS CREATED, BE IT RESOLVED THAT:

1. Authorization of Note and Use of Proceeds. The Board hereby determines that it is in the best interest of Alexandria Renew to authorize an extension of the line of credit financing, which is and will be evidenced by one or more Notes and Financing Agreements. The Board hereby finds that the line of credit financing will promote the health, safety, welfare, morals and propriety of the citizens served by Alexandria Renew and will promote the governmental purposes of the Act. Accordingly, the Board hereby authorizes the extension of the line of credit financing in accordance with the terms of this Resolution. Each Note shall be known as the "City of Alexandria, Virginia, Sanitation Authority, Line of Credit Note, Subordinate Series" or such other

designation as the Chief Executive Officer may approve. The Board hereby covenants that the proceeds from each Note shall be used, together with other available funds, if any, to pay or refinance the costs of capital projects of Alexandria Renew and the costs of issuing each Note. The Board hereby authorizes Alexandria Renew to borrow, repay and reborrow amounts under each Financing Agreement and each Note on a revolving credit basis subject to the terms thereof and this Resolution. The Board authorizes the Chief Executive Officer to enter into future extensions of and amendments to the line of credit financing and new line of credit financings with other financial institutions from time to time, so long as such extensions and amendments and new lines of credit are not inconsistent with the intent of this Resolution and comply with the parameters in paragraph 2, including extensions and amendments that decrease the amount available under the line of credit financing.

2. Details of Note. (a) Each Note shall be issued (or reissued as the case may be) to or at the direction of the lender on terms that the Chief Executive Officer shall determine; provided, however, that the maximum principal amount of all outstanding Notes shall not exceed \$60,000,000 and the maximum term of any Note (including any renewal options) shall not exceed the date authorized by this Resolution.

(b) Subject to the parameters in subsection (a), the Board hereby authorizes the Chief Executive Officer to approve the final terms of each Note, such as the maturity date and amounts, redemption provisions, make-whole provisions, prices, interest rates and interest provisions, and any elections under the Internal Revenue Code of 1986, as amended (the "**Code**").

3. Authorization of Financing Agreement. The Board hereby authorizes the Chief Executive Officer to determine the final form of each Financing Agreement; provided that the form is not inconsistent with this Resolution, subject to the parameters in paragraph 2. The Board hereby authorizes the Chief Executive Officer to execute each Financing Agreement.

4. Pledge of Net Revenues and Subordinate Debt. (a) Each Note shall be a limited obligation of Alexandria Renew and, except to the extent payable from the proceeds of the issuance of a Note or the income, if any, derived from the investment thereof, is payable exclusively from the Net Revenues of the System. Alexandria Renew hereby renews its pledge of the Net Revenues to pay the principal of and premium, if any, and interest on each Note pursuant to the terms of the Master Indenture and each Financing Agreement. The Board hereby determines that each Note shall be issued as Subordinate Debt under the Master Indenture. The Board hereby acknowledges that as Subordinate Debt each Note will be secured equally and ratably with any outstanding Subordinate Debt and will be secured on a subordinate basis to Alexandria Renew's Bonds (as defined in the Master Indenture) and Parity Indebtedness (as defined in the Master Indenture) and any Bonds or Parity Indebtedness issued in the future, subject to Section 2.1(b) of the Master Indenture.

(b) Neither the Commonwealth of Virginia nor any of its political subdivisions, including Alexandria Renew, shall be obligated to pay the principal of or interest on any Note or other costs incident to it except from the revenues and any other money or property pledged for such purpose, and neither the faith and credit nor the taxing power of the Commonwealth of Virginia or any of its political subdivisions, including Alexandria Renew, is pledged to the payment of the principal of or interest on each Note or other costs incident to it. The issuance of

each Note does not directly, indirectly or contingently obligate the Commonwealth of Virginia or any of its political subdivisions, including Alexandria Renew, to levy any taxes for the payment of any Note.

5. Form of Note. The Board hereby authorizes and directs the Chief Executive Officer to determine the final form of each Note; provided that the form is not inconsistent with this Resolution, subject to the parameters in paragraph 2. The Board hereby authorizes the Chair or the Chief Executive Officer to execute each Note. The Board hereby authorizes and directs the Secretary-Treasurer to affix the seal of Alexandria Renew to the executed Note and to attest the seal and then to deliver each Note to or at the direction of the Lender upon payment of the first principal advance thereunder.

6. Supplemental Indenture. The Board hereby authorizes and directs the Chief Executive Officer to determine the final form of each Supplemental Indenture; provided that the form is not inconsistent with this Resolution, subject to the parameters in paragraph 2. The Board hereby authorizes the Chief Executive Officer to execute each Supplemental Indenture.

7. Tax Compliance Agreement. Such officers of Alexandria Renew as may be requested are authorized and directed to execute and deliver a non-arbitrage certificate and tax compliance agreement (the "**Tax Compliance Agreement**") in a form to be approved by the officers of Alexandria Renew executing such document, whose approval shall be evidenced conclusively by the execution and delivery thereof.

8. Arbitrage Covenants. Alexandria Renew covenants that it shall neither take nor omit to take any action the taking or omission of which will cause each Note to be "arbitrage bonds" within the meaning of Section 148 of the Code, or otherwise cause interest on a Note to be includable in the gross income of the registered owner thereof under existing law, to the extent any advance under the line of credit is intended to be tax-exempt. Without limiting the generality of the foregoing, Alexandria Renew shall comply with any provision of the Tax Certificate that may require Alexandria Renew at any time to rebate to the United States any part of the earnings derived from the investment of the gross proceeds of each Note, unless Alexandria Renew receives an opinion of nationally-recognized bond counsel that such compliance is not required to prevent interest on a Note from being includable in the gross income for federal income tax purposes of the registered owners thereof under existing law. Alexandria Renew shall pay any such required rebate from legally available funds.

9. Evidence of Approval. The approval or determination of all of the details and provisions of each Note, each Financing Agreement and all other documents executed under the authority of this Resolution shall be evidenced conclusively by the execution and delivery of each Note, each Financing Agreement and such other document by the officer or officers authorized hereby.

10. Further Actions; Authorized Representative. The Board hereby authorizes and directs the Chair and the Chief Executive Officer and such officers and agents of Alexandria Renew as may be designated by either of them to take such further actions as they deem necessary regarding, the line of credit financing and the execution, delivery and performance of the documents related thereto. All such actions previously taken by such officers and agents are

ratified and confirmed. The Board hereby designates the Chair and the Chief Executive Officer as Alexandria Renew's authorized representatives for purposes of each Financing Agreement. The authorization granted in this Resolution to the Chair, Chief Executive Officer, Secretary-Treasurer may be carried out by the Vice Chair (in the case of the Chair), the Chief Financial Officer (in the case of the Chief Executive Officer), and the Assistant or Acting Secretary (in the case of the Secretary-Treasurer), or such other officer as any of the named officers may designate in writing. When this Resolution authorizes the Chair or the Chief Executive Officer to act, it shall be sufficient for either the act.

11. Filing of Resolution. The Board hereby directs counsel to Alexandria Renew to file a certified copy of this Resolution with the Circuit Court of the City of Alexandria, Virginia, pursuant to Section 15.2-5126 of the Code of Virginia of 1950, as amended.

12. Effective Date. This Resolution shall take effect upon adoption.

Adopted _____, 2024

Secretary-Treasurer

AlexRenew Board of Directors
Alexandria Homeowners and Civic Associations Matrix
 Updated December 20, 2023

HOA	Contact	Meeting Info	Board Contact
Alexandria Federation of Civic Associations	Carter Flemming, Chair carterflemming@gmail.com	<ul style="list-style-type: none"> • Last Wednesday of the month • 7:00 PM • Hybrid 	John Hill
Del Ray Citizens Association	Katie Waynick, President president@delraycitizen.net	<ul style="list-style-type: none"> • Second Wednesday of the month • 7:00 PM • Meeting locations vary 	Jim Beall
North Old Town Independent Citizens Civic Association	Mace Carpenter, President notice.communications@gmail.com	<ul style="list-style-type: none"> • Meet three times a year 	Adrianna Caldarelli
Old Town Civic Association	Steve Milone, President stevemilone@yahoo.com or president@theoldtowncivicassociation.org	<ul style="list-style-type: none"> • Second Wednesday of the month • 7:00 PM • The Lyceum 	Mark Jinks
Rosemont Citizens Association (including PELT)	Jol Silversmith, President info@rosemontcitizensassoc.org or jol@thirdamendment.com	<ul style="list-style-type: none"> • None scheduled 	Rebecca Hammer



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MEMORANDUM

TO: AlexRenew Board of Directors

THROUGH: Justin Carl, General Manager and CEO

FROM: Caitlin Feehan, Chief Administrative Officer

DATE: April 16, 2024

SUBJECT: *Unfinished Business, Joint Use*
Consideration of FY2025 Draft Operating and Capital Budget and Proposed Winter Quarter Average Changes for Public Notice and Set the Public Hearing

Issue

Each year, staff presents a draft Operating and Capital Budget for the upcoming fiscal year (FY) to the Board for consideration. Following Board approval for public notice, the draft budget is presented at a public hearing for community input. Additionally, this year AlexRenew is proposing to revise the winter quarter average portion of its Rates, Rules, and Regulations and present revisions at the public hearing.

Recommendation

Staff respectfully requests the Board authorize the CEO to appropriately post notice of a public hearing to receive comments on the FY2025 Draft Operating and Capital Budget and proposed winter quarter average for Saturday, May 18, 2024, at 9:30 a.m.

Discussion

Staff is pleased to present the FY2025 Draft Capital and Operating Budget. The draft budget ensures sufficient resources to support daily operations and anticipated capital upgrades to AlexRenew's infrastructure. The draft \$230.3.8 million budget includes \$35.3 million in operating expenses and \$175.2 million to support capital investments in AlexRenew's assets.

Additionally, AlexRenew is proposing to update the winter quarter average portion of its Rates, Rules, and Regulations. The proposed updates eliminate the 4,000-gallon cap and propose criteria for the program's eligibility. These updates are in alignment with previous presentations and direction set by the Board.

Congruence with AlexRenew Strategic Plan

This action enables all AlexRenew strategic outcomes.

ACTION TAKEN

Approved:

Disapproved:

Approved with Modification:

Modification(s):



FISCAL YEAR 2025

Operating and Capital Budget

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

Draft Approved for Public Notice - April 16, 2024

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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 Operating and Capital Budget is \$234.1 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.

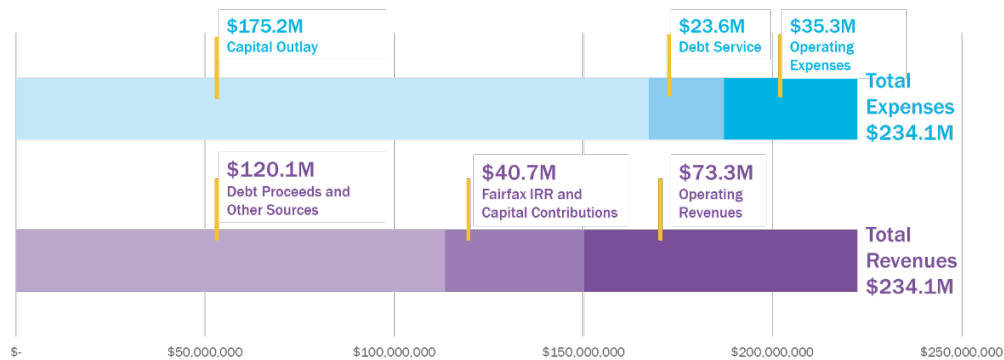


Figure ES.1. FY2025 Expenses and Revenues

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 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 \$2.0 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 loans, grants, 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, PPSU project, and Tertiary System Upgrade 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 ¹ 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 th (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 ² Fund	Revenues are then deposited to the Joint IRR Fund to meet required Joint IRR transfers per Fairfax Agreement.
General IRR ² 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.

¹Revenues 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.

²Improvement, 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 at its April Board meeting.
- **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 \$234.1 million, a 10.9 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	\$36,851,776	12.7%
	<i>Subtotal</i>	\$36,419,800	\$40,753,072	11.9%
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	\$6,558,193	6.5%
	<i>Subtotal</i>	\$159,923,187	\$120,076,418	-24.9%
Total Revenues		\$262,811,307	\$234,088,104	-10.9%

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	\$23,582,210	43.4%
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	\$44,910,000	44.0%
<i>Subtotal</i>	\$213,339,220	\$175,210,300	-17.9%	
Total Expenses		\$262,811,307	\$234,088,104	-10.9%

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 \$40.8 million, up 11.9 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 \$120.1 million, decreasing 24.9 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	73.0	1.0
Engineering & Planning	5.0	5.0	-
Information Systems	10.0	10.0	-
Human Resources	6.0	6.0	-
Total	124.5	126.0	1.5

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 \$23.6 million, up 43.4 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 \$175.2 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>	\$10.8	\$11.8	8.7%
CIP – General	Alex-only CIP	\$8.2	\$10.8	32.5%
	Joint CIP	\$31.2	\$44.9	44.0%
	<i>Subtotal</i>	\$39.4	\$55.8	41.6%
CIP – RiverRenew	RiverRenew Tunnel	\$162.3	\$107.7	-33.6%
	<i>Subtotal</i>	\$162.3	\$107.7	-33.6%
Total CIP/IRR Program Expenditures		\$212.5	\$175.2	-17.5%

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	\$36,851,776	\$50,456,329	\$58,049,772
	<i>Subtotal</i>	\$40,753,072	\$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	\$6,558,193	\$9,465,615	\$2,110,926
	<i>Subtotal</i>	\$120,076,418	\$36,999,286	\$34,191,154
Total Revenues		\$234,088,104	\$168,272,010	\$181,703,495

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	\$23,582,210	\$21,134,989	\$20,889,716
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	\$15,190,000	\$14,266,800
	CIP – General (Joint)	\$44,910,000	\$83,000,000	\$96,750,000
<i>Subtotal</i>	\$175,210,300	\$110,782,560	\$123,368,684	
Total Expenses		\$234,088,104	\$168,272,010	\$181,703,495

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
Total Cash Reserve Requirement	\$10,857,073	\$11,604,032	\$12,948,165	\$13,336,610

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	\$23,582,210	\$21,134,989	\$20,889,716
All-in Debt Service Coverage	2.02x	1.65x	1.96x	2.10x

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 \$878.1 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.

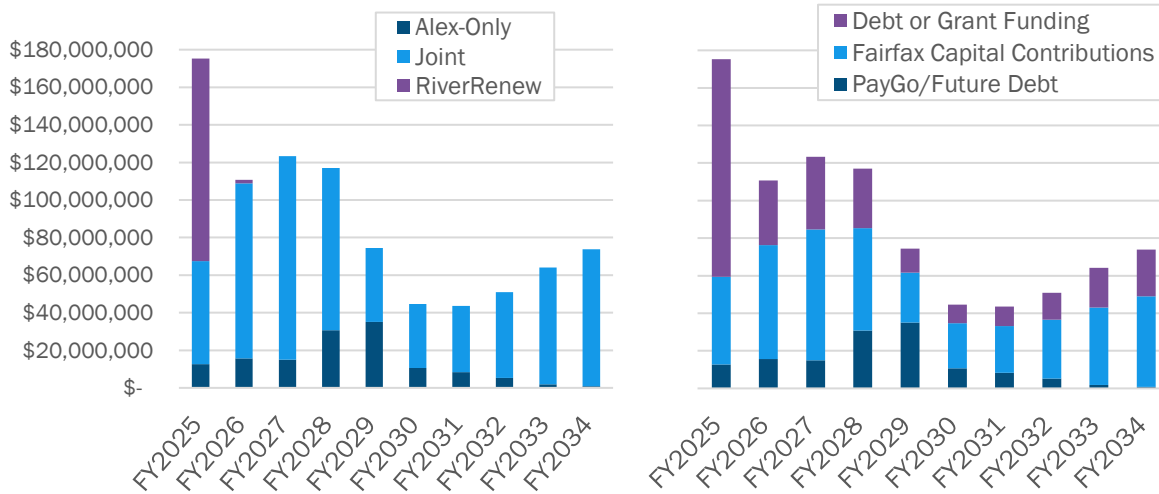


Figure 6.1. Proposed CIP/IRR Expenditures and Funding – 10-year Forecast

Table 6.1 provides further detail on the anticipated funding sources for the 10-year CIP.

Table 6.1. Summary of Anticipated Funding Sources for the 10-year CIP

Funding Sources	Prop. FY25	Est FY26	Est FY27	Est FY28	Est FY29	Est FY30	Est FY31	Est FY32	Est FY33	Est FY34	10-year Total
Operating Revenue	\$18.7	\$21.8	\$17.4	\$34.1	\$39.5	\$15.0	\$13.0	\$10.3	\$7.1	\$ 7.1	\$183.9
Fairfax IRR Contributions	\$3.9	\$4.1	\$9.2	\$4.9	\$4.6	\$4.6	\$4.6	\$4.6	\$4.6	\$4.6	\$49.4
Fairfax Capital Contributions	\$36.9	\$50.5	\$58.0	\$46.3	\$17.7	\$15.0	\$15.6	\$21.7	\$31.5	\$37.3	\$330.5
Series 2021 WIFIA Bonds	\$82.6	-	-	-	-	-	-	-	-	-	\$82.6
Future Debt	\$33.1	\$34.4	\$38.7	\$31.8	\$12.7	\$10.0	\$10.4	\$14.5	\$21.0	\$24.9	\$231.6
Debt or Grant Funding Subtotal	\$175.2	\$110.8	\$123.4	\$117.0	\$74.4	\$44.7	\$43.6	\$51.0	\$64.1	\$73.8	\$878.1
Total Estimated CIP Funding	\$175.2	\$110.8	\$123.4	\$117.0	\$74.4	\$44.7	\$43.6	\$51.0	\$64.1	\$73.8	\$878.1

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 Recovery 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
Revenues					
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
Total Revenues	\$ 66,468,320	\$ 73,258,614	10.2%	\$ 76,737,473	\$ 80,291,014
Transfers					
Transfer to Operating Fund ¹	\$ 33,890,180	\$ 35,600,197	5.0%	\$ 36,668,202	\$ 37,768,249
Transfer to Parity Debt Service Fund	16,358,494	22,682,210	38.7%	20,234,989	19,989,716
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	10,449,855	-22.4%	16,537,041	15,466,446
Total Uses	\$ 66,468,321	\$ 73,258,615	10.2%	\$ 76,737,474	\$ 80,291,013

¹ 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
Operating Expense Charge					
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)
Estimated Fairfax County Operating Expense Charge	\$ 12,796,021	\$ 12,838,293	0.3%	\$ 13,223,632	\$ 13,620,534
IRR Fund - Joint Account Contribution:					
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
Total IRR - Joint Account Investment	\$ 6,304,894	\$ 6,605,649	4.8%	\$ 6,906,403	\$ 15,529,218
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
Total Fairfax County IRR - Joint Account Contribution	3,723,671	3,901,296	4.8%	4,078,922	9,171,556
AlexRenew Joint IRR Contribution	2,581,224	2,704,353	4.8%	2,827,481	6,357,662
Capital Project Contribution - Joint Use Facilities:					
Estimated Joint Capital Improvements at 60%/40%	\$ 29,182,521	\$ 44,160,000	51.3%	\$ 82,190,000	\$ 95,875,200
Fairfax County Allocation at 60%	17,509,513	26,496,000	51.3%	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 ¹	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	32,696,130	36,851,776	12.7%	50,456,329	58,049,772
Total Fairfax County Contributions	\$ 49,215,821	\$ 53,591,365	8.9%	\$ 67,758,882	\$ 80,841,862

¹ 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
Revenues					
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
Total	\$ 33,900,180	\$ 35,700,197	5.3%	\$ 36,768,202	\$ 37,868,249
Expenses					
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
Total	\$ 33,023,593	\$ 35,295,594	6.9%	\$ 36,354,461	\$ 37,445,095
Excess (Deficiency) ¹	\$ 876,587	\$ 404,603		\$ 413,741	\$ 423,153
Fund Balance - Beginning	\$ 5,004,326	\$ 5,880,913		\$ 6,285,516	\$ 6,699,257
Fund Balance - Ending ¹	\$ 5,880,913	\$ 6,285,516		\$ 6,699,257	\$ 7,122,410

¹ 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 (VFPF) 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
Revenues				
Beginning Balance	\$ 0	\$ (0)	\$ (0)	\$ 0
Transfer from Revenue Fund	16,358,494	22,682,210	20,234,989	19,989,716
Interest Income	90,000	900,000	900,000	900,000
Total Revenue	16,448,494	23,582,210	21,134,988	20,889,716
Expenditures				
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	-	3,477,528	3,246,000	3,195,000
ALEXRENEW BOND SERIES 24 PRINCIPAL	-	970,000	1,020,000	1,075,000
Total Expenses	\$ 16,448,494	\$ 23,582,210	\$ 21,134,989	\$ 20,889,716
Total Interest	5,834,582	6,035,919	5,834,837	5,633,233
Total Principal	10,613,912	14,068,763	12,017,525	11,870,212

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
Revenues					
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
Total Revenues	\$ 6,304,894	\$ 6,605,649	4.8%	\$ 6,906,403	\$ 15,529,218
Expenses					
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%	\$ -	\$ -
Joint IRR Expenses	\$ 10,652,748	\$ 9,933,900	-6.7%	\$ 10,222,800	\$ 11,642,943
Excess (Deficiency)	\$ (4,347,854)	\$ (3,328,251)		\$ (3,316,397)	\$ 3,886,275
Fund Balance - Beginning	\$ 7,106,227	\$ 2,758,373		\$ (569,878)	\$ (3,886,275)
Fund Balance - Ending	\$ 2,758,373	\$ (569,878)		\$ (3,886,275)	\$ -

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
Revenues					
Revenue Fund Transfer	\$ 166,000	\$ 1,822,000		\$ 469,760	\$ 708,941
Total Revenue	\$ 166,000	\$ 1,822,000	997.6%	\$ 469,760	\$ 708,941
Expenses					
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
Total Expenses	\$ 166,000	\$ 1,822,000	997.6%	\$ 469,760	\$ 708,941

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 decrease to \$319,545 through FY2025, with a projected balance of \$34.3 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
Revenues					
Revenue Fund Transfer	\$ 13,472,422	\$ 10,449,855	-22%	\$ 14,089,819	\$ 15,221,174
Interest Income	15,000	75,000	400%	75,000	75,000
Total Revenues	\$ 13,487,422	\$ 10,524,855	-22.0%	\$ 14,164,819	\$ 15,296,174
Expenses					
Alex-only General Capital Expenses	\$ 8,183,100	\$ 10,844,400	32.5%	\$ 15,190,000	\$ 14,266,800
Transfer to Joint CIP Project Fund	1,887,098	0	-100.0%	0	0
Total Expenses	\$ 10,070,198	\$ 10,844,400	7.7%	\$ 15,190,000	\$ 14,266,800
Fund Balance Increase (Decrease)	\$ 3,417,225	\$ (319,545)		\$ (1,025,181)	\$ 1,029,374
Fund Balance - Beginning	\$ 36,964,336	\$ 40,381,560		\$ 40,062,016	\$ 39,036,835
Fund Balance - Ending	\$ 40,381,560	\$ 40,062,016		\$ 39,036,835	\$ 40,066,208
General Reserve sub-Fund ¹	\$ (5,428,536)	\$ (5,802,015)		\$ (5,976,076)	\$ (6,155,358)
Available Balance	\$ 34,953,025	\$ 34,260,000	-2.0%	\$ 33,060,759	\$ 33,910,850

¹ 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	\$15.19	\$14.27	\$30.39	\$34.77	\$10.27	\$7.96	\$4.96	\$1.46	\$0.46	\$130.58
	Joint CIP	\$31.18	\$44.91	\$83.00	\$96.75	\$78.10	\$30.40	\$25.05	\$26.05	\$36.15	\$52.50	\$62.20	\$535.11
	<i>Subtotal</i>	\$39.37	\$55.75	\$98.19	\$111.02	\$108.49	\$65.17	\$35.32	\$34.01	\$41.11	\$53.96	\$62.66	\$665.69
CIP – RiverRenew	RiverRenew Tunnel Project	\$162.28	\$107.70	\$1.90	-	-	-	-	-	-	-	-	\$109.60
	<i>Subtotal</i>	\$162.28	\$107.70	\$1.90	-	-	-	-	-	-	-	-	\$109.60
Total CIP/IRR Program		\$212.46	\$175.21	\$110.78	\$123.37	\$117.05	\$74.44	\$44.67	\$43.62	\$50.99	\$64.12	\$73.83	\$878.08



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
IRR Program													
Alex-only IRR													
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
Alex-only IRR Subtotal	\$ 5.68	\$ 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													
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
Joint IRR Subtotal	\$ 107.94	\$ 10.65	\$ 9.93	\$ 10.22	\$ 11.64	\$ 8.23	\$ 8.93	\$ 9.00	\$ 9.26	\$ 9.51	\$ 9.78	\$ 10.78	\$ 97.28
IRR Program Total	\$ 113.61	\$ 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 Capital Improvement Projects													
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	\$ 2.00	\$ -	\$ 0.50	\$ 1.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.00
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
Alex-only Capital Improvement Projects Subtotal	\$ 143.26	\$ 12.68	\$ 10.84	\$ 15.19	\$ 14.27	\$ 30.39	\$ 34.77	\$ 10.27	\$ 7.96	\$ 4.96	\$ 1.46	\$ 0.46	\$ 130.58



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
Joint Capital Improvement Projects													
Solids Process Upgrades	\$ 252.00	\$ 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	\$ 37.10	\$ 1.00	\$ 2.00	\$ 1.50	\$ 9.50	\$ 18.10	\$ 5.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36.10
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
Joint Capital Improvement Projects Subtotal	\$615.83	\$31.08	\$44.91	\$83.00	\$96.75	\$78.10	\$30.40	\$25.05	\$26.05	\$36.15	\$52.50	\$62.20	\$ 535.11
General CIP Total	\$ 759.09	\$ 43.76	\$ 55.75	\$ 98.19	\$ 111.02	\$ 108.49	\$ 65.17	\$ 35.32	\$ 34.01	\$ 41.11	\$ 53.96	\$ 62.66	\$ 665.69
CIP - RiverRenew Program													
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
RiverRenew Tunnel Project Total	\$ 615.00	\$ 505.40	\$ 107.70	\$ 1.90	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 109.60
AlexRenew CIP Total	\$ 1,487.70	\$ 559.98	\$ 175.21	\$ 110.78	\$ 123.37	\$ 117.05	\$ 74.44	\$ 44.67	\$ 43.62	\$ 50.99	\$ 64.12	\$ 73.83	\$ 878.08

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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
Financing												
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	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:											--	

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
Financing												
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	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:										--		

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
Financing												
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
Lifetime Total:											–	

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
Financing												
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
Lifetime Total:											–	

Note: Prior Year amount represents adopted FY2024 budget.

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

Justification: To maintain the full functionality and reliability of the preliminary and primary 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	\$0.09	\$0.25	\$0.27	\$0.29	\$0.31	\$0.32	\$0.33	\$0.34	\$0.35	\$0.37	\$0.38	\$3.22
Financing												
AlexRenew	\$0.04	\$0.10	\$0.11	\$0.12	\$0.13	\$0.13	\$0.13	\$0.14	\$0.14	\$0.15	\$0.15	\$1.29
Fairfax	\$0.05	\$0.15	\$0.16	\$0.17	\$0.19	\$0.19	\$0.20	\$0.21	\$0.21	\$0.22	\$0.23	\$1.93
	Lifetime Total:											-

Note: Prior Year amount represents adopted FY2024 budget.

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

Justification: To maintain the full functionality and reliability of the secondary 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	\$2.00	\$1.50	\$1.50	\$1.62	\$1.75	\$1.80	\$1.86	\$1.91	\$1.97	\$2.03	\$2.09	\$18.03
Financing												
AlexRenew	\$0.80	\$0.60	\$0.60	\$0.65	\$0.70	\$0.72	\$0.74	\$0.76	\$0.79	\$0.81	\$0.84	\$7.21
Fairfax	\$1.20	\$0.90	\$0.90	\$0.97	\$1.05	\$1.08	\$1.11	\$1.15	\$1.18	\$1.22	\$1.25	\$10.82
												Lifetime Total:
												–

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
Financing												
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
Lifetime Total:											–	

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
Financing												
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
	Lifetime Total:											-

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
Financing												
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
Lifetime Total:											--	

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
Financing												
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
	Lifetime Total:											-

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
Financing												
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
Lifetime Total:										-		

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)											Total	
	Prior Year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
Total	\$0.15	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	\$0.03	-	\$0.27
Financing													
AlexRenew	\$0.06	\$0.01	\$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	\$0.02	-	\$0.16
Lifetime Total:												-	

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
Financing												
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
Lifetime Total:											–	

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
Financing												
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
Lifetime Total:										-		

Note: Prior Year amount represents adopted FY2024 budget.

Information Technology Projects

Project Location:

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
Financing												
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
Lifetime Total:											–	

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
Financing												
AlexRenew	\$4.40	\$1.65	\$4.81	\$6.16	\$22.55	\$27.77	\$4.81	-	-	-	-	\$67.75
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:									\$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
Financing												
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	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:									\$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
Financing												
AlexRenew	-	\$0.46	\$1.08	\$3.74	\$5.97	\$3.50	-	-	-	-	-	\$14.76
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:									\$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
Financing												
AlexRenew	\$2.47	\$0.50	-	-	-	-	-	-	-	-	-	\$0.50
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:									\$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
Financing												
AlexRenew	-	\$1.00	\$1.00	-	-	\$3.00	\$5.00	\$7.50	\$4.50	\$1.00	-	\$23.0
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:									\$23.00			

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

Environmental Center 5th Floor Build-out

Description: The 5th 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 5th 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
Financing												
AlexRenew	\$1.00	\$2.00	\$1.00	-	-	-	-	-	-	-	-	\$3.00
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:										\$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
Financing												
AlexRenew	-	\$0.50	\$5.00	\$2.00	\$1.00	-	-	-	-	-	-	\$8.50
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:												\$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
Financing												
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	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:									\$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
Financing												
AlexRenew	\$0.45	\$0.20	\$0.20	\$0.20	-	-	-	-	-	-	-	\$0.60
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:									\$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
Financing												
AlexRenew	-	\$0.25	\$0.25	\$0.25	-	-	-	-	-	-	-	\$0.75
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:									\$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
Financing												
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
Lifetime Total:									\$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
Financing												
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
Lifetime Total:									\$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
Financing												
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
Lifetime Total:									\$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
Financing												
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
Lifetime Total:									\$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
Financing												
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
Lifetime Total:									\$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
Financing												
AlexRenew	-	\$0.80	-	-	-	-	-	-	-	-	-	\$0.80
Fairfax	-	\$1.20	-	-	-	-	-	-	-	-	-	\$1.20
Lifetime Total:									\$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
Financing												
AlexRenew	\$0.08	\$0.80	\$4.92	-	-	-	-	-	-	-	-	\$5.72
Fairfax	\$0.12	\$1.20	\$7.38	-	-	-	-	-	-	-	-	\$8.58
Lifetime Total:										\$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
Financing												
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
Lifetime Total:									\$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
Financing												
AlexRenew	\$1.31	\$0.56	\$0.10	-	-	-	-	-	-	-	-	\$0.66
Fairfax	\$1.96	\$0.84	\$0.16	-	-	-	-	-	-	-	-	\$1.00
Lifetime Total:									\$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
Financing												
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
Lifetime Total:									\$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
Financing												
AlexRenew	-	-	\$0.92	\$0.72	-	-	-	-	-	-	-	\$1.64
Fairfax	-	-	\$1.37	\$1.08	-	-	-	-	-	-	-	\$2.45
Lifetime Total:												\$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
Financing												
AlexRenew	-	-	\$0.40	-	-	\$0.80	\$0.80	-	-	-	-	\$2.00
Fairfax	-	-	\$0.60	-	-	\$1.20	\$1.20	-	-	-	-	\$3.00
Lifetime Total:									\$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
Financing												
AlexRenew	-	\$0.60	\$0.80	\$0.80	-	-	-	-	-	-	-	\$2.20
Fairfax	-	\$0.90	\$1.20	\$1.20	-	-	-	-	-	-	-	\$3.30
Lifetime Total:												\$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)											Total
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
Total	\$1.84	\$0.55	\$0.55	\$0.55	-	-	-	-	-	-	-	\$1.65
Financing												
AlexRenew	\$0.74	\$0.22	\$0.22	\$0.22	-	-	-	-	-	-	-	\$0.66
Fairfax	\$1.10	\$0.33	\$0.33	\$0.33	-	-	-	-	-	-	-	\$0.99
Lifetime Total:									\$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
Financing												
AlexRenew	-	\$0.40	-	-	-	-	-	-	-	-	-	\$0.40
Fairfax	-	\$0.60	-	-	-	-	-	-	-	-	-	\$0.60
Lifetime Total:									\$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
Financing												
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
Lifetime Total:									\$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
Financing												
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
Lifetime Total:									\$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
Financing												
AlexRenew	-	\$0.80	\$0.80	\$2.00	-	-	-	-	-	-	-	\$3.60
Fairfax	-	\$1.20	\$1.20	\$3.00	-	-	-	-	-	-	-	\$5.40
Lifetime Total:									\$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
Financing												
AlexRenew	-	-	-	-	-	\$0.08	\$0.12	\$0.12	\$0.12	-	-	\$0.44
Fairfax	-	-	-	-	-	\$0.12	\$0.18	\$0.18	\$0.18	-	-	\$0.66
Lifetime Total:									\$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
Financing												
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
Lifetime Total:									\$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
Financing												
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
Lifetime Total:										\$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
Financing												
AlexRenew	\$65.50	\$17.20	\$0.40	-	-	-	-	-	-	-	-	\$17.60
Fairfax	-	-	-	-	-	-	-	-	-	-	-	-
Lifetime Total:									\$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)											Total	
	Prior Years	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
Total	\$439.90	\$90.50	\$1.50	-	-	-	-	-	-	-	-	-	\$92.00
Financing													
AlexRenew	\$175.96	\$36.20	\$0.60	-	-	-	-	-	-	-	-	-	\$36.80
Fairfax	\$263.94	\$54.30	\$0.90	-	-	-	-	-	-	-	-	-	\$55.20
Lifetime Total:									\$531.90				

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

EFFECTIVE JULY 1, 2024 (PROPOSED)

REVISED AND APPROVED:

JUN 18, 2013
JUL 23, 2013
AUG 19, 2014
DEC 16, 2014
APR 21, 2015
SEP 20, 2016
MAY 21, 2019
JUL 01, 2019
JUN 15, 2021
JUN 20, 2023



AlexRenew

**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.

DRAFT

I. Rates, Fees, and Charges

SECTION 1 - RATES FOR SERVICE

SCHEDULE A – WASTEWATER

This schedule shall apply to all individually metered residential customers and commercial customers discharging sewage to and/or requiring wastewater treatment service by 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	Current Effective July 1, 2023	Adopted Effective July 1, 2024
Individually Metered Residential Service – Wastewater Treatment Charge ¹	All Meters	\$9.76 ²	\$10.26 ²
Commercial Service – Wastewater Treatment Charge			

¹The 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 winter quarter average billing cap as further defined in subsequent sections of the Rates, Rules, and Regulations.

²Per 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	Current 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

Winter Quarter Average Billing Cap:

Individually metered residential single-family customers may use water for outdoor uses such as irrigation and other 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 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 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 single-family 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 customer’s average monthly metered water consumption (gallons) recognized on bills rendered during the winter 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 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 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 until a winter quarter average is established.

The Wastewater Treatment Charges billed to commercial customers will be determined based on the total metered water delivered to the premise and shall not be eligible for the monthly winter quarter average billing cap. To the extent a commercial customer has a water-only meter serving the property such metered water consumption would not be charged the Wastewater Treatment

Charge. An example of a water-only service would include a meter exclusively used by the customer to measure outdoor water irrigation.

Customers receiving wastewater service only and obtaining water from sources other than Virginia American Water 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 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 fee of \$50.00 added to the account. Payment of this charge, together with any arrears that may be due AlexRenew, may be required before utility the service is restored.

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. 1, shall be billed separately for service.
- h. Bills will be rendered monthly.

Rule No. 11 – Terms of Payment

- a. Bills for sewer service shall be payable on or before stated due date.
- b. If a bill is not paid within twenty-one (21) days after the billing due date, and payable, and after notice has been properly provided by 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. Water service may be discontinued by AlexRenew, through the Water Company after ten (10) days' notice for any of the following reasons:
 - i. Nonpayment of any account for wastewater service, or for any fee or charge accruing under these Rates, Rules, and Regulations.
 - ii. Violation of any rule or regulation of AlexRenew.
- 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, 2024 and shall remain in effect thereafter until further revised.

NOTICE OF PUBLIC HEARING

NOTICE OF PUBLIC HEARING is hereby given that AlexRenew will hold a PUBLIC HEARING on its PROPOSED OPERATING AND CAPITAL BUDGET for the FISCAL YEAR ENDING JUNE 30, 2025, on Saturday, May 18, 2024 at 9:30 a.m. The meeting will be held at AlexRenew's Environmental Center Building located at 1800 Limerick Street, Alexandria, VA. The meeting will be held in person and broadcast on [Microsoft Teams](#). The proposed FY2025 budget and AlexRenew's audited financial statements are available for examination by the public online at www.alexrenew.com. Copies will be made available upon request – phone (703) 721-3500 ext. 2260.

AlexRenew
BY: Adriana Caldarelli
Secretary – Treasurer

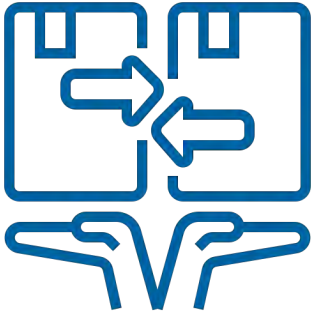


Overview of 2024 AlexRenew Compensation Study

Presented to the AlexRenew Board of Directors

April 16, 2024

Our Board Compensation Policy forms the basis for our compensation to be fair and equitable to all employees



Commits to maintain **comparability to other jurisdictions**



Targets between **90-110% of respective salary range** for each employee salary



Commits to conduct a **market study every two years** to benchmark positions

Compensation Philosophy was implemented December 2010, last revision April 2022

The water sector is seeing a silver tsunami in workforce retirements and struggling to build the next generation of water professionals

With many water workers nearing retirement, utilities seek a younger workforce

Elizabeth Trovall Oct 18, 2023

Heard on: MARKETPLACE



The water workforce problem has led utilities to recruit young people for training in water and wastewater management. Mario Tama/Getty Images



America's Water Sector Workforce Initiative: A Call to Action



The water sector workforce is the front line of public health and environmental protection and is vital to sustaining our critical water infrastructure investments. Working with federal agencies and state, local, and tribal partners, we will take actions that encourage innovative workforce practices at water systems, highlight the value water protection specialists provide every day, and help make water a career of choice through education and sustained public outreach. — Andrew Wheeler, Administrator, U.S. EPA, October 2020

As Baby Boomers Retire, The Water Workforce Faces Its Own Drought

By Erin Stone

Published Oct 19, 2022 2:41 PM



Virginia's challenging labor market

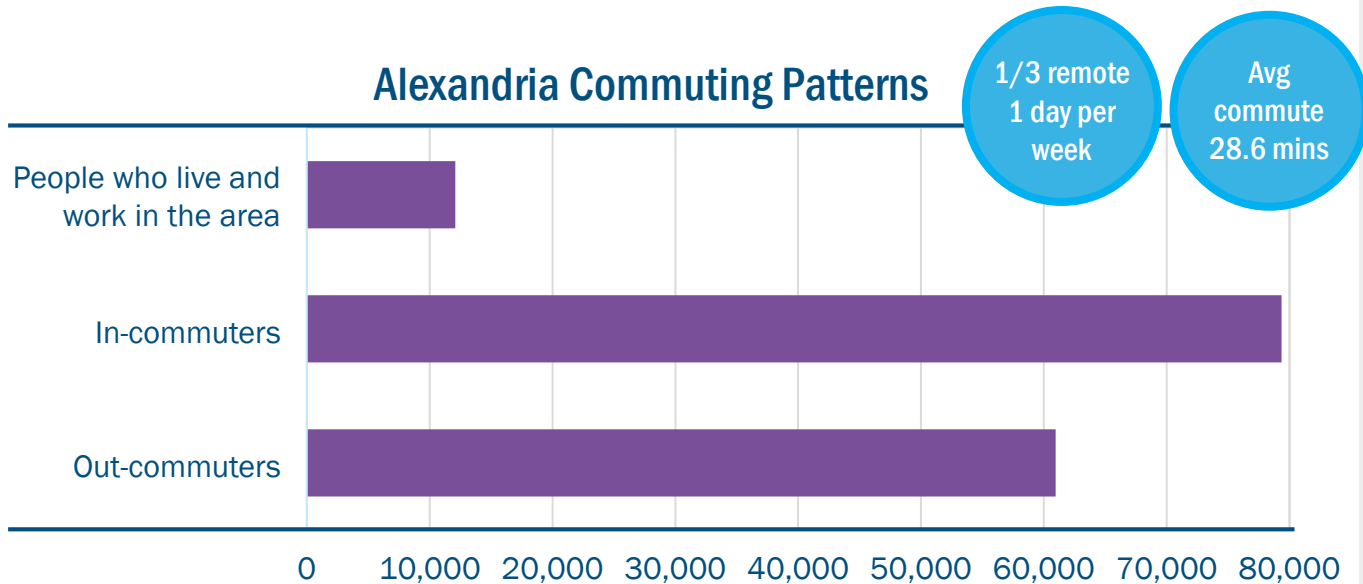
Virginia has 47 available workers for every 100 open jobs

0.47

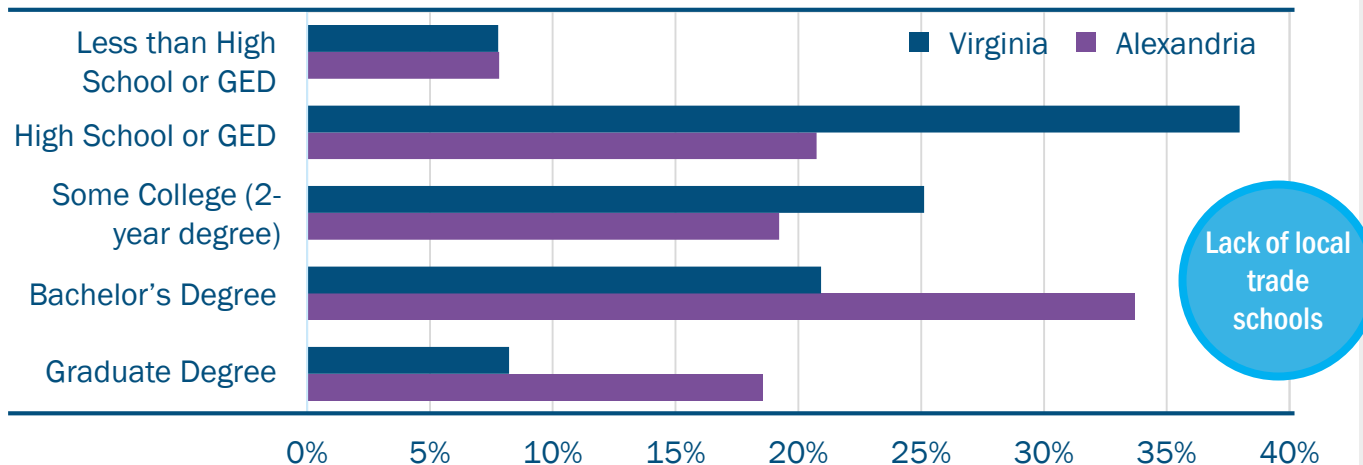
Virginia's Worker Shortage Index

- Job Openings: **243,000**
- Unemployed Workers: **113,102**
- Labor Force Participation Rate: **66.7**
- Unemployment Rate: **2.5**
- Quit Rate: **2.6**
- Hiring Rate: **4.3**
- Top Employer Industry: **Professional and Business Services**

Alexandria Commuting Patterns



Alexandria Education



The cost of living in Alexandria is over 30 percent higher than the Commonwealth of Virginia



	Alexandria	Virginia
Basic Household Survival Budget	\$107,544	\$70,788
Full Time Hourly Wage Required	\$53.77	\$35.39
Median Household Income	\$101,162	\$80,963

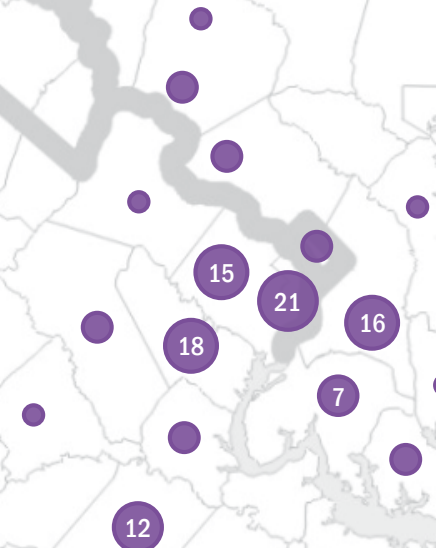
Source: <https://www.unitedforalice.org/household-budgets/Virginia>, 2021 data, based on a two-adult household with two children in child care

AlexRenew workforce commuting patterns

- 41-minute average commute
- 78 no remote work (job duties require on-site presence)
- 42 remote work eligible

Legend

- 1-2 staff
- 3-4 staff
- 18 Staff indicated by number



AlexRenew employee health benefits program

Medical

- United Healthcare
- High Deductible Plan with a Health Savings Account
- Fully-insured
- Cost share is approximately 85% for all tiers of coverage
- Embedded deductible

Dental

- Delta Dental
- Cost share is 83% for all tiers of coverage

Vision

- United Healthcare
- Cost share is 100% for all tiers of coverage

Annual Benefits Cost

<u>FY2022</u>	<u>FY2023</u>
\$2.8M	\$3.5M
<u>FY2024</u>	<u>FY2025</u>
\$4.0M projected	\$4.5M budgeted

Life and Disability

- 1.5x salary max \$400,000 benefit
- Cost share is 100% for short and long-term disability premiums

Retirement (VRS & 457b)

- VRS employer contribution changes each even fiscal year
- FY2024 is rate to 8.19%
- 457b AlexRenew match is 1.0 – 2.5% based on employee contribution up to 4.0%

Additional AlexRenew employee benefits



Tuition
Assistance



Paid Family
Leave



Professional
Development
Support



Wellness
Program

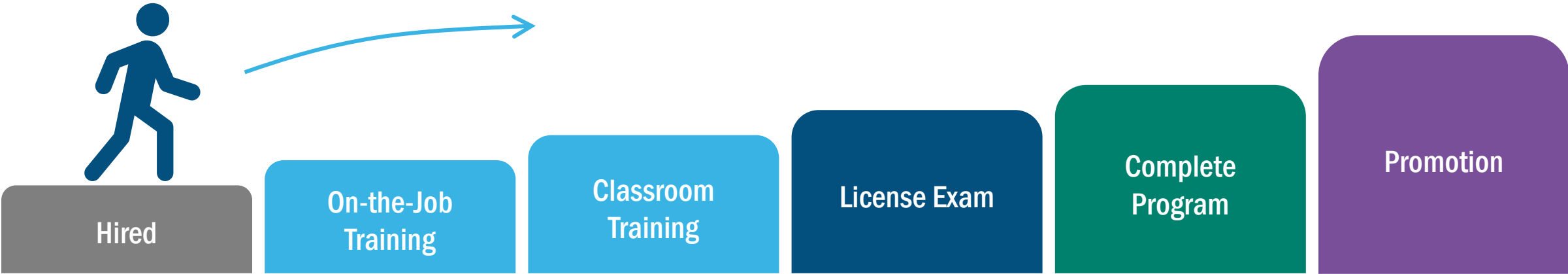


Mental Health
Assistance

AlexRenew's apprenticeship program

AlexRenew Apprentice Tracks

	Wastewater Technician	Control Technician	Wastewater Mechanic
Program duration	2 years	4 years	2 years
Academic study	300 hours	600 hours	300 hours
On-the-job training	4,000 hours	8,000 hours	4,000 hours



AlexRenew Apprenticeship Path

The AlexRenew Compensation Study reviews current pay practices and salaries compared to similar organizations

- Established broad band salary ranges (2012)
- 100% of staff salaries fall within their respectful ranges
- Determines market value of each position
- Proposes equitable salary ranges
- Ensures internal pay parity that can attract, engage, and retain employees
- Provides structure for hiring, promotions, and new positions

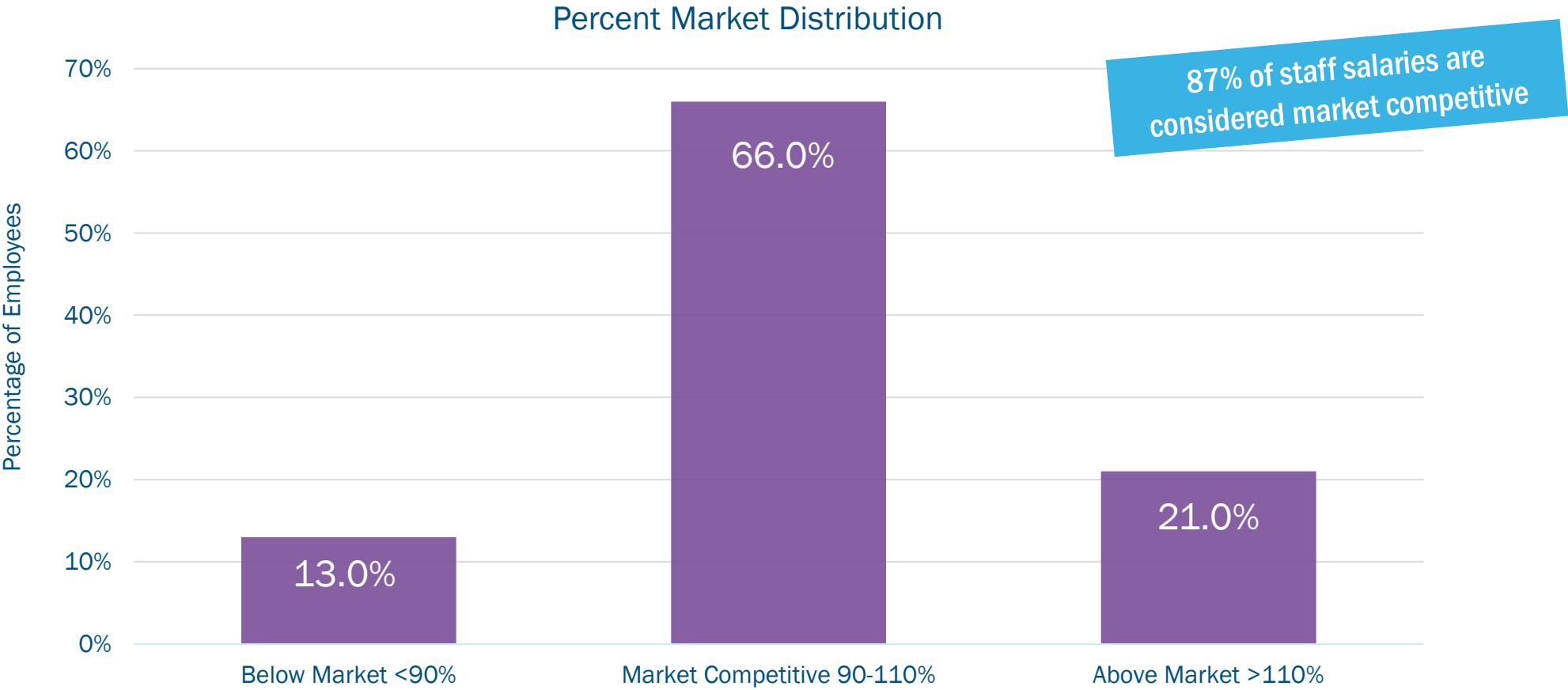
The 2024 AlexRenew Compensation Study included review of 18 published survey sources

2024 Custom Peer Group Survey Participants



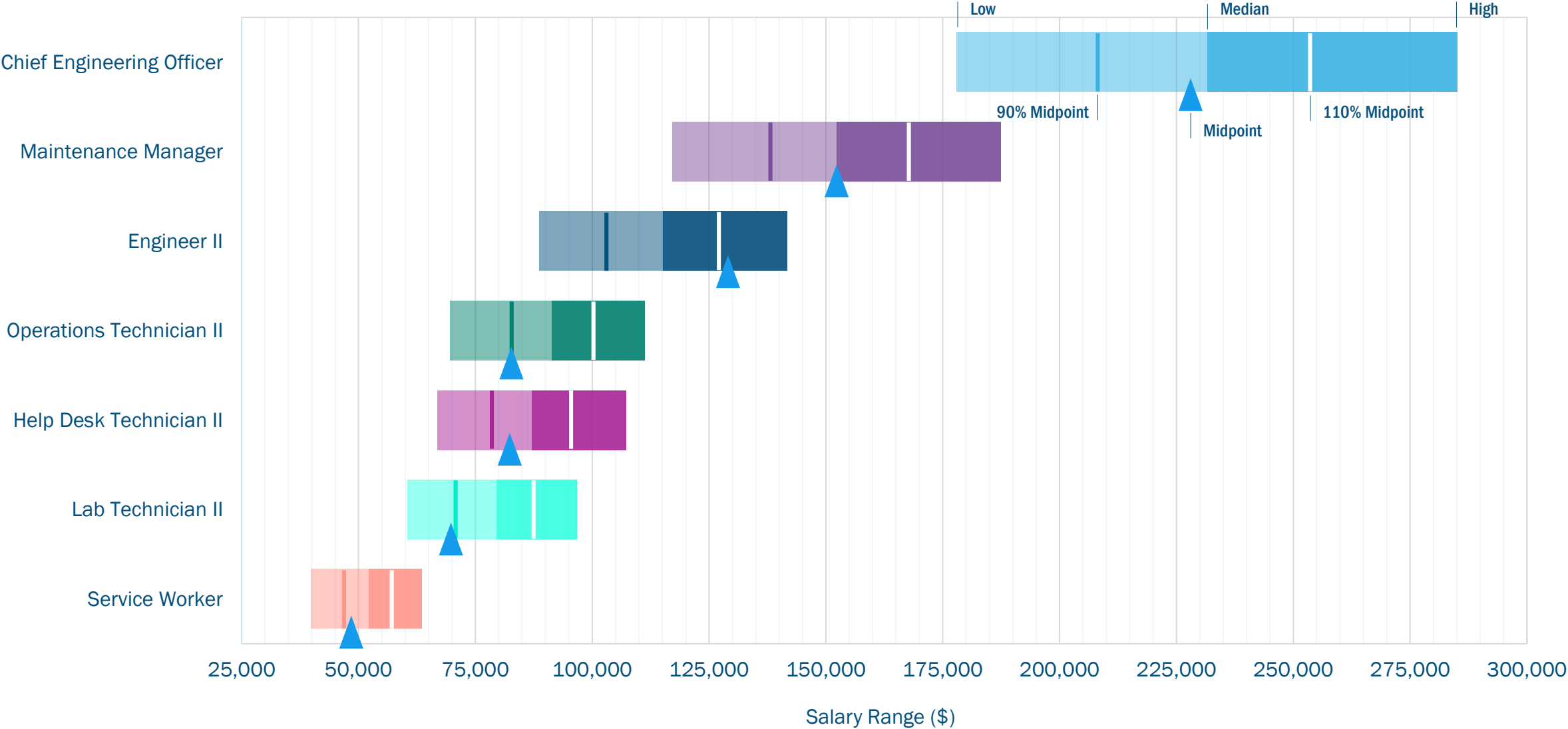
- 2024 Custom Peer Group Compensation Survey
- 2023 AWWA Salary Survey Large Water & Wastewater Utilities
- CompAnalyst, Job Analyzer
- CompData Benchmark Surveys
- Economic Research Institute
- Mercer Benchmark Reports
- Willis Towers Watson Salary Survey
- Gallagher National Compensation Survey

The 2024 AlexRenew Compensation Study showed that AlexRenew base comparison to market 50th percentile (compa-ratio) is 101%



2024 AlexRenew Compensation Study Results

Board Compensation Philosophy states that pay scales will be competitive at 90-110% of the average pay levels for the relevant labor market (midpoint)



Key takeaways from the 2024 AlexRenew Compensation Study

- The cost of labor in Alexandria is 17.2% above the national average
- AlexRenew salaries are market competitive
 - The average compa-ratio for AlexRenew salaries is 101%
 - 87% of staff salaries are market competitive
 - 13% of salaries require adjustment to be market competitive
- Recommends adjusting the current salary structure by 6% to maintain market competitiveness



AlexRenew

To learn more, visit www.alexrenew.com



1800 Limerick Street
Alexandria, VA 22314
alexrenew.com

Board of Directors
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Adriana Caldarelli, Sec'y-Treas
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Chief Executive Officer
Justin Carl, PE
General Counsel
Amanda Waters

Monthly Report

Reporting Period: March 1-31, 2024

This report represents a summary of AlexRenew’s operational excellence, financial resilience, and public engagement and trust for March 2024.

1 Operational Excellence

1.1 Water Resource Recovery Facility (WRRF) Performance

Performance of AlexRenew’s operations is reviewed and evaluated monthly to oversee operational excellence.

Precipitation for the month was 4.89 inches of rain and trace amounts of snow, which is above the historical average precipitation of 3.50 inches of rain and below the historical average precipitation of 2.0 inches of snow for the month.

Biosolids production was 2,049 wet tons. Biosolids were beneficially used through land application in the Virginia counties of Essex, King George, and Caroline.

AlexRenew met all Virginia Pollutant Discharge Elimination System (VPDES) effluent parameters for March 2024 as outlined in Table 1.1.

Table 1.1. Summary of VPDES Permit VA0025160 Effluent Parameters

	Average Flow	Carbonaceous Biochemical Oxygen Demand	Total Suspended Solids	Ammonia (as N)	Total Phosphorus	Dissolved Oxygen	Total Nitrogen	Total Nitrogen Load	Total Phosphorus Load
	MGD	Monthly Average (mg/L)	Monthly Average (mg/L)	Monthly Average (mg/L)	Monthly Average (mg/L)	Minimum (mg/L)	Annual Average (mg/L)	Year-to-Date (lb)	Year-to-Date (lb)
Permit	54.0	5.0	6.0	Seasonal (1)	0.18	6.0	3.0	493,381	29,603
Reported	40.8	ND	4.2	0.06	0.08	8.6	2.9	87,936	2,079

Notes: (1) Ammonia has seasonal limits February – March: 6.9 mg/L

1.2 Capital Improvement Program

Specific projects within AlexRenew’s Capital Improvement Program (CIP) are highlighted monthly to support operational excellence.

In July 2023, the Board approved three (3) Job Order Contracts (JOC) to support AlexRenew’s ongoing construction and maintenance needs. Table 1.2 summarizes the status of JOC task orders.

Table 1.2. Summary of JOC Task Orders

Task Order	Estimate	Status
Gravity Thickener No. 3 Assessment and Cleaning	\$90,000	Completed
Gravity Thickener No. 3 Repair	\$275,000	Completed
Gravity Thickener 2 and 4 Repair	\$125,000	Completed
Four Mile Run Pumping Station Valve Modifications	\$480,000	Work ongoing
Tertiary Settling Tank Valve Replacement	TBD	Scoping
WRRF General Housekeeping	\$350,000	Work ongoing
BRB Mixing System Improvements	\$200,000	Work ongoing
Building A Flare System Repairs	TBD	Scoping
Building 55 Thermal Oxidizer (Flare) Repairs	TBD	Scoping
Centrate Tank Cleaning	\$100,000	Completed
Environmental Center Improvements	TBD	Scoping
Innovation District Pumping Station On-call Services	TBD	Scoping
Primary Sludge Pump Upgrades	TBD	Scoping
Gravity Thickened Sludge Pumps	\$300,000	Work ongoing
Digester Gas Mixing Compressors	TBD	Scoping
Tertiary Filter Valve Replacement	TBD	Scoping
Filter Backwash Tank Cleaning and Upgrades	TBD	Scoping
Plant Air Compressor Upgrades	TBD	Scoping
Heat Exchanger Cleaning and Repair	\$200,000	Completed
Primary Sludge Loop Cleaning and Valve Replacements	\$300,000	Work ongoing
Secondary Settling Tank Raw Activated Sludge Pipe Cleaning	\$125,000	Work ongoing
Building K Grit System Repairs	\$50,000	Work ongoing
Building A Coarse Screen Repairs	TBD	Scoping
Building L W1 Booster Pump Skid Replacement	TBD	Scoping

1.3 RiverRenew

Updates on RiverRenew are outlined in the RiverRenew Dashboard.

1.4 Safety

Since August 3, 2023, AlexRenew has logged 140,218 hours without a lost time accident. To advance AlexRenew's safety culture, staff completed a 4-module safety training, called SafeStart and a 10-hour OSHA safety certification course that started in November 2023.

2 Financial Resilience

Performance of AlexRenew's annual approved budget is reviewed and evaluated monthly to ensure overall organizational financial stability.

2.1 Revenues and Expenditures

Table 2.1 summarizes AlexRenew revenues and expenditures for this period. Major takeaways for this period include:

- Wastewater Treatment Charge revenues (\$43.0 million) are trending slightly higher than projections due to usage;
- Operating and maintenance expenses are trending slightly below projections; and
- Total expenses (\$142.0 million) are currently trending lower than the budgeted expenses due to the timing of capital expenditures. This timing also impacts debt proceed revenues (\$77.6 million), which are lower than budgeted as most current capital expenditures are funded through debt.

Table 2.1. Revenues and Expenditures for this Period

Revenues and Expenditures	Total FY2024 Budget	FY2024 To-Date	% of Budget To-Date	% of FY2024 Completed	Total FY2024 Projected
Revenues					
Wastewater Treatment Charge	53,672,299	42,997,632	80	75	57,500,000
Fairfax Operating Expense Charge	12,796,021	9,597,016	75	75	12,500,000
Fairfax IRR* and Capital Contributions	36,419,800	11,762,548	32	75	20,000,000
Debt Proceeds and Other Sources	159,923,187	77,608,082	49	75	111,200,000
Total Revenues	262,811,307	141,995,278	54	75	201,200,000
Expenditures					
Operating and Maintenance	33,023,593	22,591,111	68	75	33,000,000
Parity Debt Service	16,448,494	12,161,316	74	75	13,300,000
IRR*	10,818,748	8,321,551	77	75	11,700,000
Capital	202,520,472	98,921,300	49	75	143,200,000
Total Expenditures	262,811,307	141,995,278	54	75	201,200,000

*IRR: Improvement, Renewal, and Replacement

2.2 Delinquencies

Figure 2.1 illustrates active AlexRenew accounts 60 or more days delinquent and total delinquent dollar amount owed over the last three (3) years. Major takeaways for this period include:

- The number of accounts delinquent by more than 60 days was 1,275 in March, a decrease 82 accounts month-over-month.
- The total dollar amount owed to AlexRenew from these accounts totaled \$1,476,231 at the

end of March, a decrease of \$6,094 month-over-month.

- Approximately 54 percent of the delinquency value is from residential accounts.
- Currently, 242 residential and 24 commercial accounts are on active payment plans.

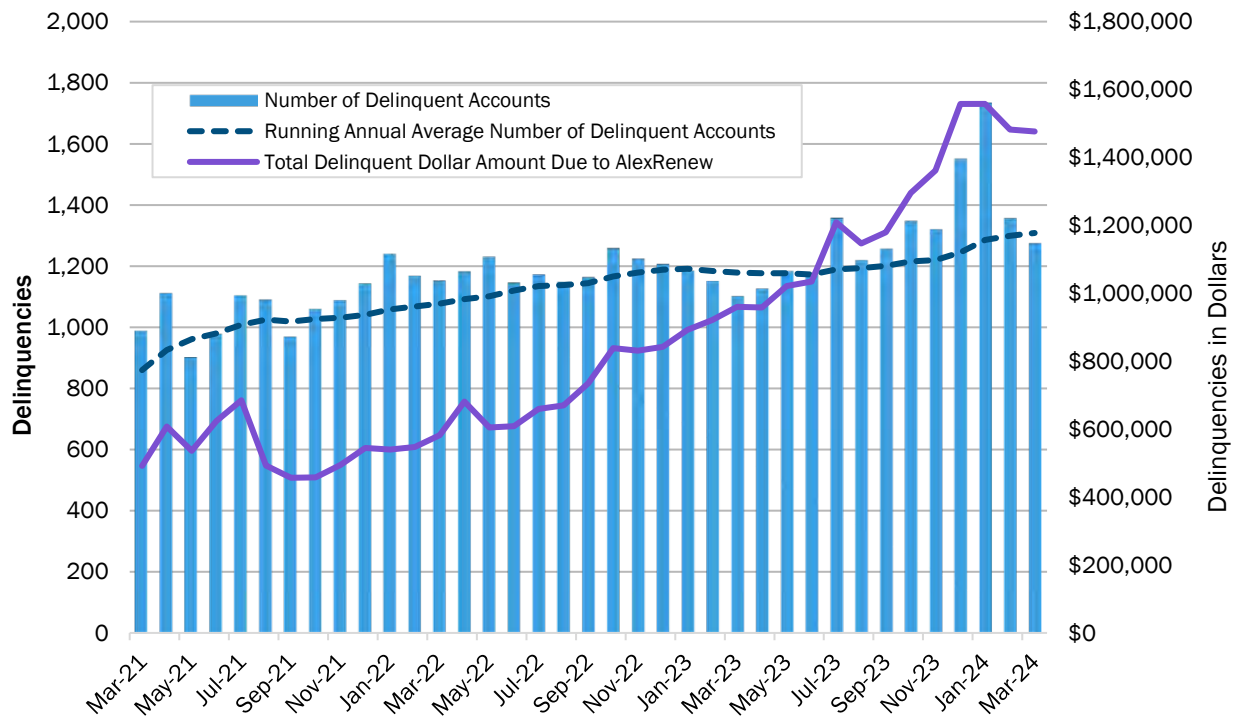


Figure 2.1. Active Accounts 60 or more days Delinquent

2.3 Board Financial Policy Status

The Master Indenture of Trust (Indenture) and Board Financial Policy require AlexRenew to maintain at least 120 days cash on hand. Additionally, the Indenture requires AlexRenew to maintain minimum debt service coverage of 1.1 times the parity debt service due in any fiscal year. The Board Financial Policy requires AlexRenew to maintain a higher minimum debt service coverage of at least 1.5 times. In both cases, AlexRenew currently exceeds its compliance standards as indicated in Tables 2.3a and 2.3b.

Table 2.3a. Cash Reserves

Item	FY2024 Budget	FY2024 Annualized	Percentage of Goal
Total Operating Cash	\$5,428,536	\$8,417,317	155%
Total General Reserve Sub-Fund Cash	\$5,428,536	\$5,428,536	100%
Total	\$10,857,072	\$13,845,853	128% (153 days)

Table 2.3b. Debt Service Coverage

Item	FY2024 Budget	FY2024 Annualized
Total Revenues	\$66,583,320	\$71,265,783
Less Operating Expenses	(\$33,023,593)	(\$32,429,168)
Net Revenue	\$33,559,727	\$38,836,615
Annual Debt Service	\$16,448,494	\$13,300,000
Calculated Coverage	2.04 times	2.92 times

2.4 Investments

PFM Advisors manages approximately \$21 million of AlexRenew's \$25 million investment portfolio. The average yield to maturity as of March 31, 2024, is 2.63%, up 7 basis points from the previous month.

3 Public Engagement and Trust

AlexRenew shares a monthly summary of its community engagement and customer service statistics to highlight its contributions to public engagement and trust.

AlexRenew is participating in this year's [Spring2Action](https://www.spring2action.org/organizations/alexrenew-lifeline-emergency-assistance-program) event on April 24 to collect donations for the AlexRenew Lifeline Emergency Assistance Program (LEAP). Early giving starts April 10 and donations will be received at <https://www.spring2action.org/organizations/alexrenew-lifeline-emergency-assistance-program>.

On April 13, AlexRenew is hosting the RiverRenew Tunnel Completion Open House. The event is open to all and will take place from 10:00 a.m. to 4:00 p.m. at 501 North Union Street.

Ellen Pickering Environmental Excellence Award submissions closed on March 22, 2024. The award will be presented to this year's recipient on Sunday, April 21 at the Del Ray GardenFest.

AlexRenew welcomed an estimated total of 435 visitors from the following organizations that hosted meetings on the 6th floor of the Environmental Center in March: Alexandria Soccer Association (120), Top Ladies of Distinction – Alexandria City Chapter (65), Alexandria A Capella Collective, Formerly Alexandria Harmonizers (70), City of Alexandria (100), Virginia Tech Innovation Campus (60), and JBAB Chapel (20).

In March, AlexRenew customer service received a total of 951 calls. Average wait time before calls were answered was 14 seconds. Call center staff answered 590 emails.

RiverRenew Board of Directors Dashboard



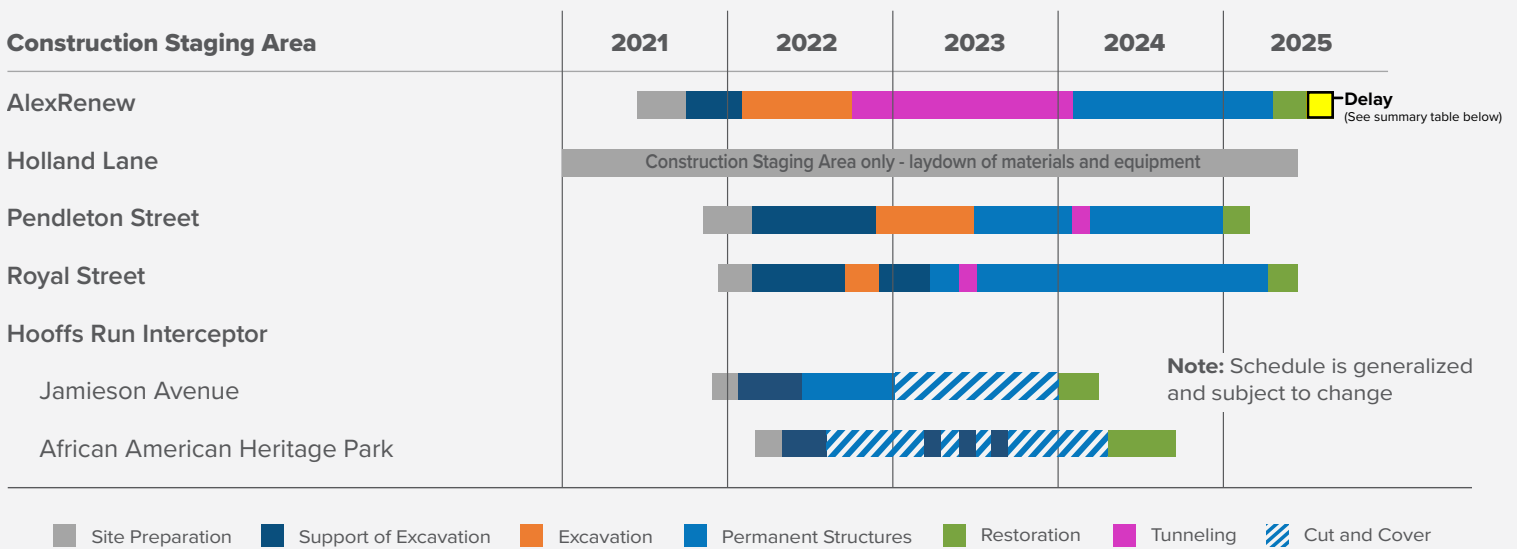
MONTH ENDING: MARCH 31, 2024

RiverRenew is a program owned and implemented by AlexRenew, Alexandria's wastewater treatment authority.

RiverRenew Overview

To improve the waterways that connect us, AlexRenew is implementing RiverRenew to prevent millions of gallons of combined sewage from polluting Alexandria's local rivers and streams each year. Three of the four RiverRenew projects are complete. The remaining Tunnel Project includes the construction of a new tunnel to connect AlexRenew's wastewater treatment plant to the four existing combined sewer outfalls, as illustrated on Page 4 of this dashboard. The phases of construction for the five primary construction sites are illustrated in the schedule below.

RiverRenew Tunnel Project Schedule



Summary of Major Tunnel Project Delays

Date:	Activity:
12/2021	Monitoring potential supply chain issues due to ongoing pandemic.
12/2021	COVID outbreak at tunnel segment mold plant in Slovenia. Manufacturing for tunnel segment molds relocated to Turkey. Anticipated one-month delay on tunnel segment molds.
1/2022	Concrete for shaft slurry walls delayed due to weather, COVID impacts, shortage of CDL drivers due to Omicron spike, and lack of concrete materials in the Greater Metro D.C. area. Monitoring schedule impacts to critical path.
2/2022	TBM fabrication and delivery delayed by three weeks. Monitoring schedule impacts to critical path.
4/2023	Due to the events in January and February 2022 (noted above), the Tunnel Project is currently 60 days behind schedule. The delay will primarily impact scheduled work at the AlexRenew site.
9/2023	Due to the delays noted above, the Tunnel Project is currently 90 days behind schedule. The delay will primarily impact scheduled work at the AlexRenew site.
03/2024	Legislation to extend the project's statutory deadline by one year to July 1, 2026 signed into law on 3/8/24 (SB372) and 3/20/2024 (HB71).

RiverRenew Tunnel Project Design-Build Progress

Overall Project Progress

(Design and Construction)



▲ DEC 2020

JUL 2025 ▲



Pendleton Street

Permanent concrete placement ongoing

Construction Progress*



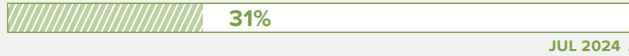
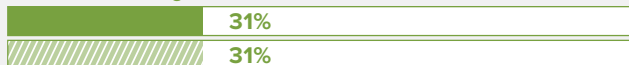
NOV 2024 ▲



Royal Street

Excavation for near surface structures ongoing

Construction Progress*



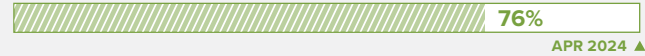
JUL 2024 ▲



Hooffs Run

Interceptor installation ongoing
Jamieson crossing complete

Construction Progress*



APR 2024 ▲



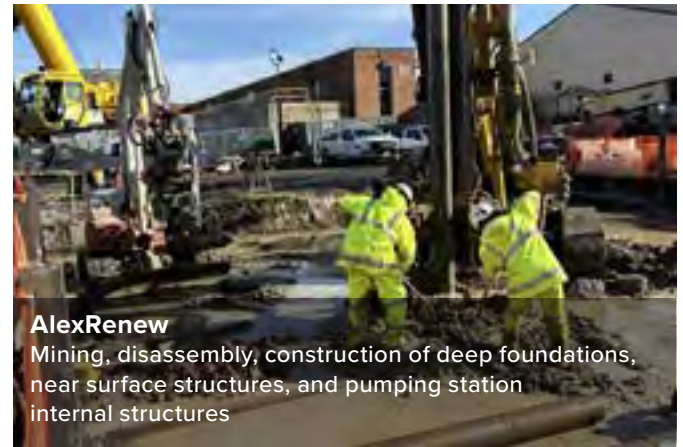
Waterfront Tunnel

Hazel on surface

Construction Progress*



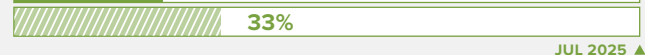
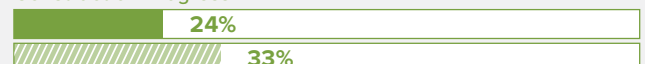
JAN 2024 ▲



AlexRenew

Mining, disassembly, construction of deep foundations,
near surface structures, and pumping station
internal structures

Construction Progress*



JUL 2025 ▲

LEGEND: ■ Actual Progress ■ Planned Progress ▲ Planned Completion Date

Actual Progress as of March 31, 2024. *The planned progress for each construction staging area reflects the Design-Builder's schedule as of March 2024.

RiverRenew Tunnel Project Six-Month Look-Ahead

Work Hours

NORMAL WORK HOURS

Pendleton Street	7 a.m. – 6 p.m.
Royal Street	7 a.m. – 6 p.m.
Hooffs Run	7 a.m. – 6 p.m.
AlexRenew	24/7

Community Outreach

Event	Date
2024-2025 RiverRenew SAG Meeting No.1	Mar 21, 2024
Tunnel Completion Open House	Apr 13, 2024
Community Listening Sessions	May 6, 7 & 9, 2024
Council-Board Workgroup	May 8, 2024
2024-2025 RiverRenew SAG Meeting No.2	Jun 20, 2024

Pendleton Street

MAJOR WORK ACTIVITIES

Activity	Date
Permanent concrete structures construction	Ongoing through Fall 2024
TBM removal	Intermittent through Spring 2024

PERMITS

Permit	Date
Building Permit - Permanent Concrete Structures Support of Excavation	Apr 2024
Building Permit - Shaft Mechanical, Electrical, and Plumbing	May 2024

Hooffs Run

MAJOR WORK ACTIVITIES

Activity	Date
North of Jamieson Ave	
Diversion chamber construction	Ongoing through Winter 2024
Junction chamber construction	Ongoing through Winter 2024
Open-cut construction	Ongoing through Spring 2024
African American Heritage Park	
Sheeting removal	Ongoing intermittently through Spring 2024
Open-cut construction	Ongoing through Spring 2024
Site restoration	Ongoing through Fall 2024

Royal Street

MAJOR WORK ACTIVITIES

Activity	Date
Support of excavation and excavation	Ongoing through Spring 2024
Permanent concrete structures construction	Starting Spring 2024

PERMITS

Permit	Date
Building Permit - Shaft Liner and Base Slab	Mar 2024
Building Permit - Mechanical, Electrical, and Plumbing	May 2024

AlexRenew

MAJOR WORK ACTIVITIES

Activity	Date
Permanent concrete structures support of excavation	Ongoing intermittently through Spring 2024
Permanent concrete structures construction	Ongoing intermittently through 2024
Pumping shaft cast-in-place concrete internals	Ongoing through Fall 2024

PERMITS

Permit	Date
Building Permit - Superstructure Architectural	Apr 2024

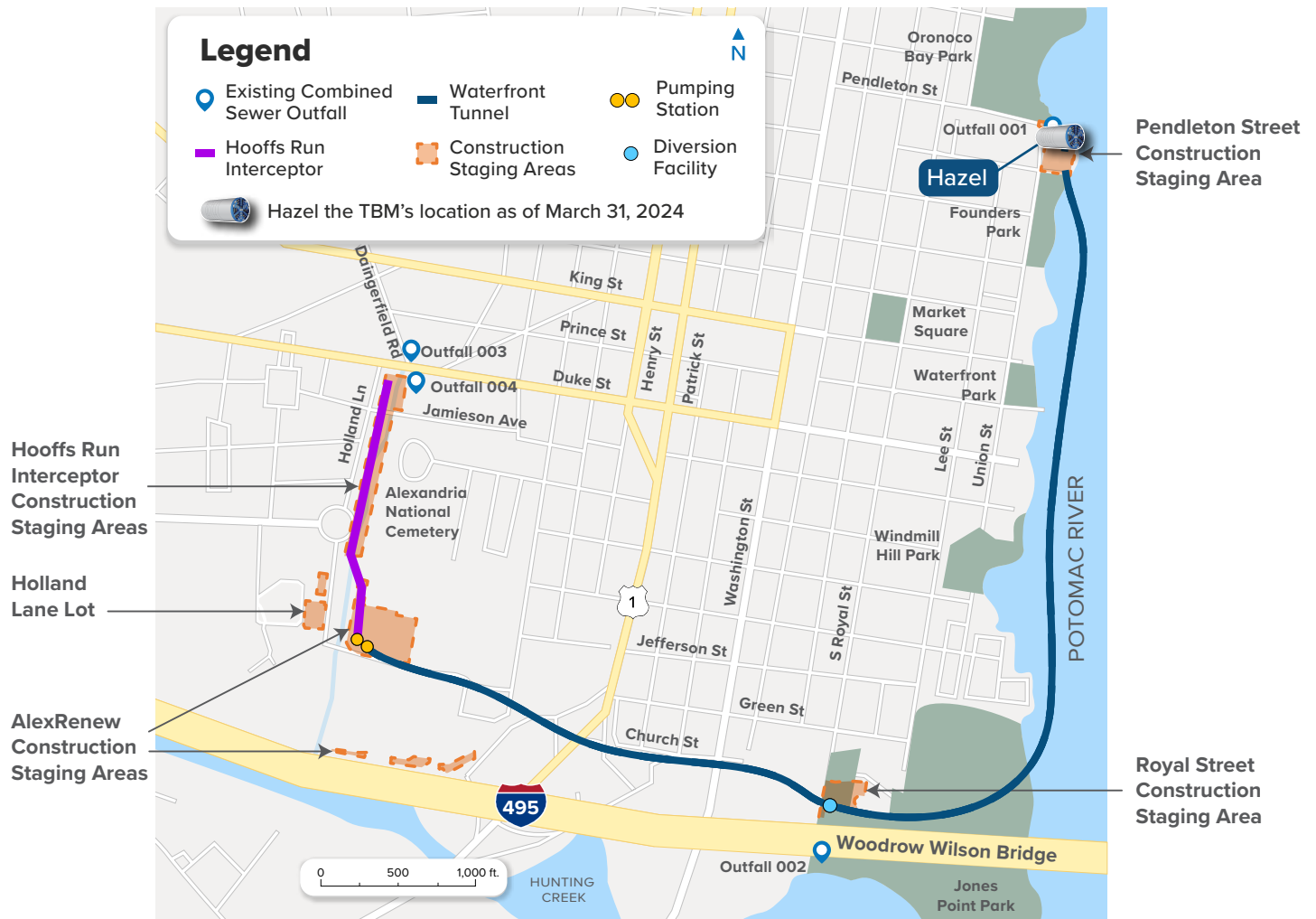
Waterfront Tunnel

MAJOR WORK ACTIVITIES

Activity	Date
Mining	Completed Mar 2024

RiverRenew Tunnel Project Snapshot

The Tunnel Project includes the following major components: a two-mile-long, 12-foot-wide, 100-foot-deep tunnel; a six-foot-wide sanitary sewer interceptor; diversion facilities to capture combined sewer discharges; and two pumping stations.



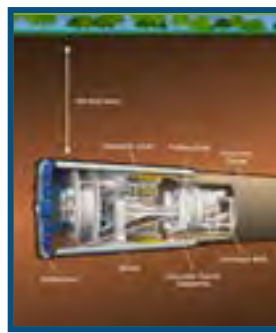
Hooffs Run Interceptor

Click [here](#) to learn more about activity at our Hooffs Run site.



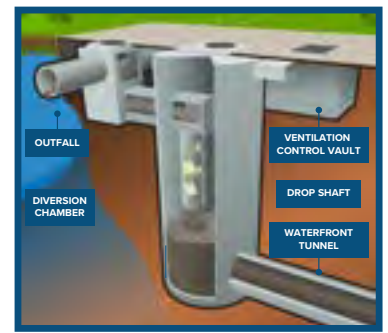
Pumping Station

Click [here](#) to take a 3D tour of RiverRenew's future pumping station.



Waterfront Tunnel

Click [here](#) to watch an animated video about RiverRenew and learn how the Waterfront Tunnel was constructed.

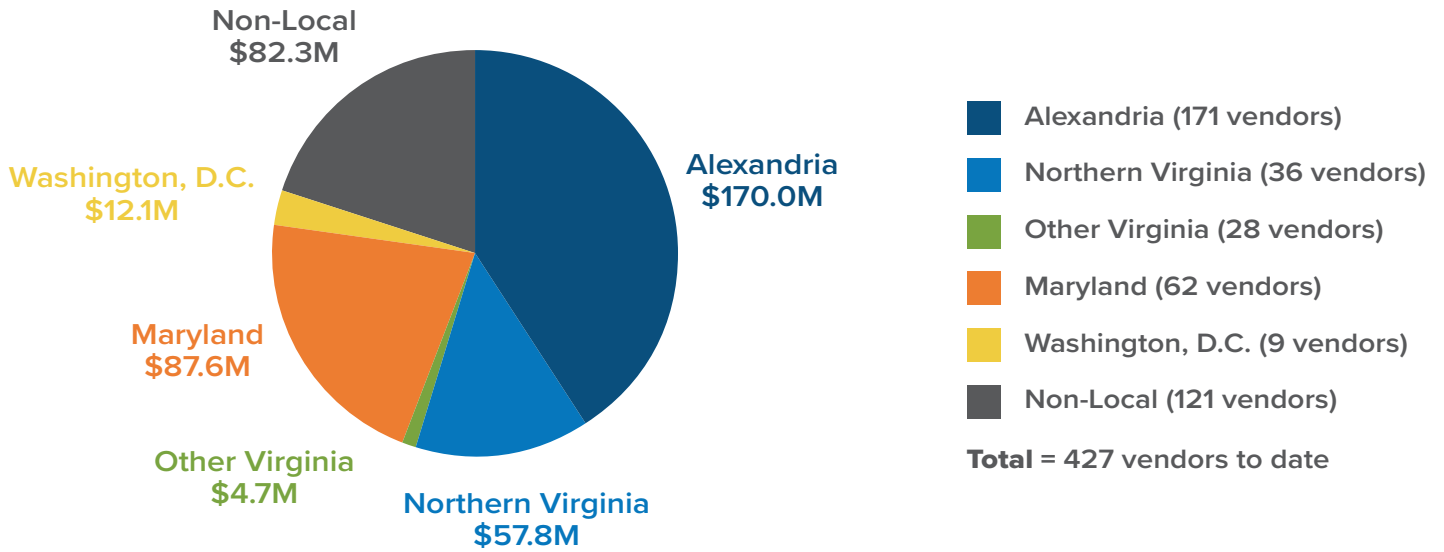


Diversion Facility

Click [here](#) for an introduction to diversion facilities from two RiverRenew engineers.

RiverRenew Program Costs to Date

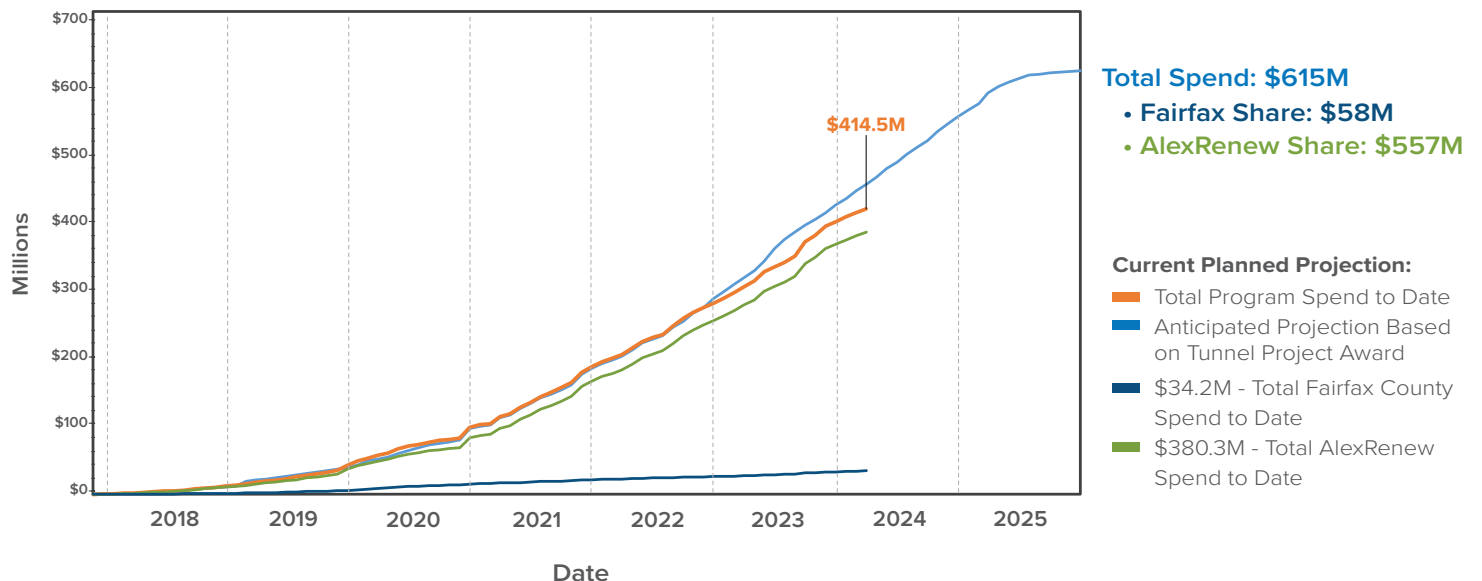
RiverRenew Spend to Date by Locality



RiverRenew Tunnel Project Contracts

Vendor	Role	Contract Type	Contract No.	Contract Date	Spent to Date (\$ millions)
Traylor-Shea Joint Venture	Design-Builder Tunnel System Project	Design-Build	19-079	Dec 2020	\$264.9
Brown and Caldwell	Owner's Advisor	Professional Services	17-022	Nov 2017	\$76.6
EPC	Resident Engineering & Inspection Tunnel System Project	Professional Services	20-013	Apr 2020	\$19.4
Completed RiverRenew Wastewater Projects to Pave the Way for the Tunnel Project					\$53.6

RiverRenew Cash Flow Analysis



Note: As of March 31, 2024.

RiverRenew Community Outreach



Community Meetings

Community meetings are presentations given to various stakeholder groups, including the SAG. These presentations can be delivered in person or virtually.

Highlights:

- 2024-2025 RiverRenew SAG Meeting No. 1:
March 21, 2024

Looking Ahead:

- 2024-2025 RiverRenew SAG Meeting No. 2:
June 20, 2024



Community Events

Participating in or co-sponsoring **community events** strengthens AlexRenew's relationship with its water and community partners.

Looking Ahead:

- Sip 'n See event at Hooffs Run: Tuesdays between 11 a.m. and 1 p.m.
- Sip 'n See event at Royal Street: Wednesdays from 11 a.m. to 1 p.m.
- Sip 'n See event at Pendleton Street: Thursdays between 11 a.m. and 1 p.m.
- Community Listening Sessions:
May 6: Pendleton Street Site
May 7: Royal Street Site
May 9: Hooffs Run Site



Community Days

Community days feature project-specific events to celebrate construction progress on the Tunnel Project and engage the community along the way.

Looking Ahead:

- Tunnel Completion Open House: Apr 13, 2024
- Hooffs Run Planting Day: Fall 2024



Digital Programming

Digital programming keeps the community connected to RiverRenew with regular program updates on RiverRenew.com, content on AlexRenew's social media pages, and distribution of *The River Renewer*, a quarterly newsletter promoting updates and milestones to more than 600 contacts.

Highlights:

- Continuing a **social post series** following Hazel's approach and arrival at the Pendleton Street shaft
- An **animation** announcing the printed debut of *The Backhoe Brothers Dig Deep*
- **Footage** of Hazel arriving at the Pendleton Street site



Council-Board Workgroup

The **Council-Board Workgroup** comprises two members from AlexRenew's Board of Directors and two members from the Alexandria City Council.

Looking Ahead:

- Council-Board Workgroup Meeting No. 22:
May 8, 2024

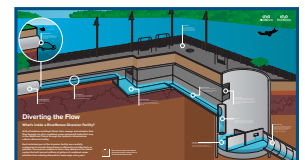


Education

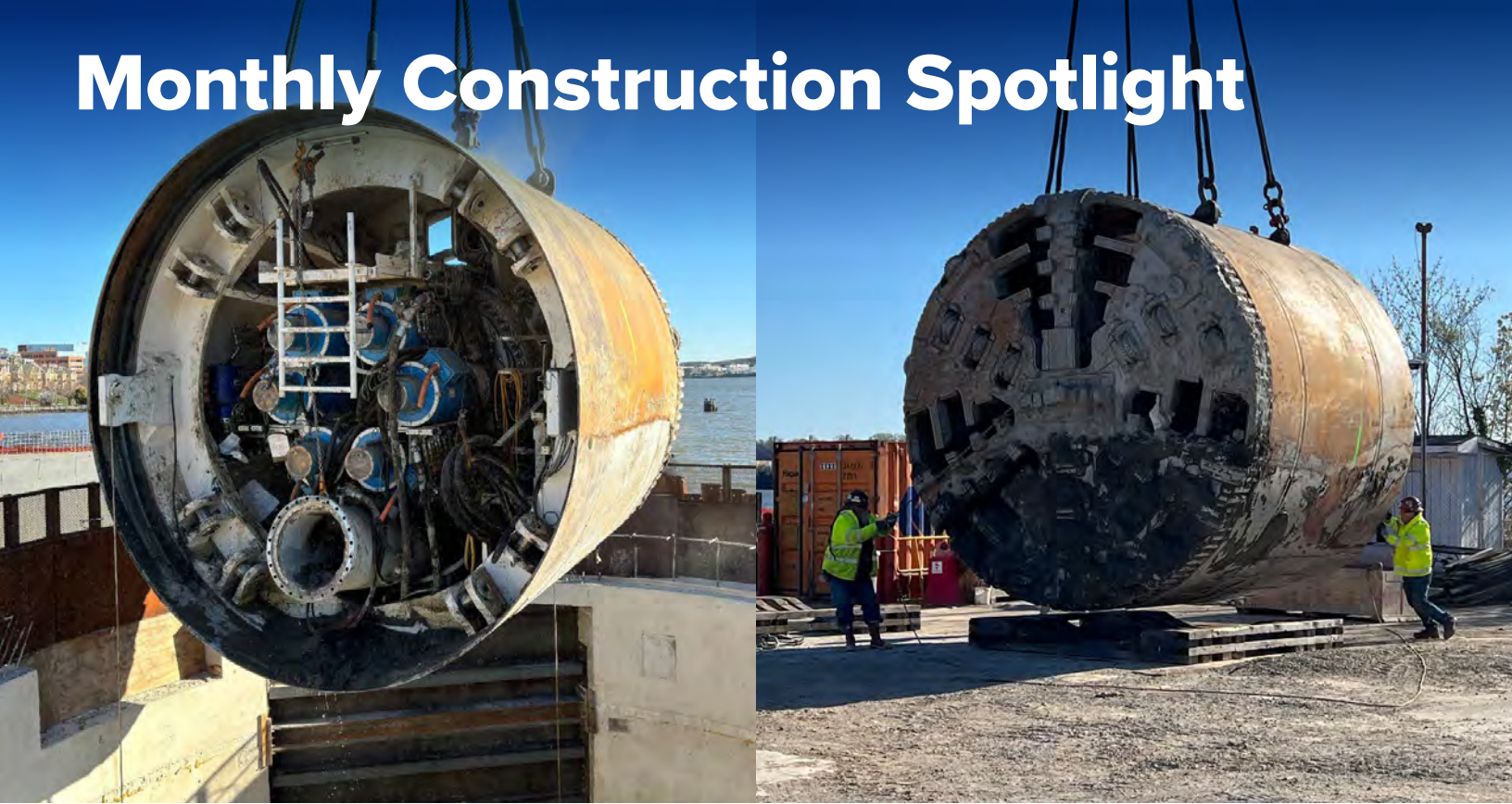
Education initiatives are intended to engage audiences of all ages and help them learn more about RiverRenew and its technical components.

Looking Ahead:

- A new printed banner describing diversion facility operation coming soon to the Pendleton Street site



Monthly Construction Spotlight



Hazel the TBM — job well done!

After years of planning, coordination, design, and construction, the Waterfront Tunnel is officially complete. Hazel reached the end of her drive on March 13 after constructing 11,377 feet of the 12-foot-diameter, concrete-lined tunnel. After mining into the Pendleton Street shaft, she was raised to the surface where she now rests in anticipation of “Hazel the Tunnel Boring Machine Day” – a community celebration in her name on April 13.

Hazel performed beautifully over the entire length of the tunnel in no small part due to the dedication and perseverance of our RiverRenew crews, who helped guide her as she paved the way for a brighter future for the Potomac River and its surrounding communities.

Learn more about the Waterfront Tunnel at [RiverRenew.com/construction/waterfront-tunnel](https://www.RiverRenew.com/construction/waterfront-tunnel).

Building for the Future of Alexandria’s Waterways

To learn more, visit www.RiverRenew.com



RiverRenew is a program owned and implemented by AlexRenew, Alexandria’s wastewater treatment authority.