

BOARD OF DIRECTORS

John Hill *Chair*

James Beall *Vice Chair*

William Dickinson Sec'y-Treas

Adriana Caldarelli

Mark Jinks

CHIEF EXECUTIVE OFFICER

Justin Carl, PE

GENERAL COUNSEL

McGuire Woods, LLP



AlexRenew is an independent public authority that manages Alexandria's wastewater to improve our local waterways.

703.721.3500 AlexRenew.com **f У** ∅ **in**

1800 Limerick Street, Alexandria, Virginia 22314

MEMORANDUM

TO:	AlexRenew Board of Directors		
FROM:	Secretary-Treasurer		
DATE:	March 14, 2023		
SUBJECT:	Regular Board of Directors Meeting		

The Regular Meeting of the Board of Directors will be held Tuesday, March 21, 2023, at 6:00 p.m. at Alexandria Renew Enterprises.

There is currently one new business item for Board approval:

 Review and Approve the registration of AlexRenew and Alexandria Renew as new fictious names/DBAs with the State Corporation Commission (Alex Only)

E	A L E X A N D R I A PORTO A STANDARDON E N T E R P R I S E S ⁸	Agenda Alexandria Renew Enterprises Board of Directors Tuesday, March 21, 2023, @ 6:00 p.m. 1800 Limerick Street, & via livestream on YouTu <u>http://board.alexrenew.org</u>	C	
No. Item Presen			Presenter	Action Required

The Tuesday, March 21, 2023, Board of Directors Meeting is being held at Alexandria Renew Enterprises (1800 Limerick Street, Ed Semonian Boardroom, Alexandria, VA 22314). Members of the Board and staff are participating in person. The public can access the meeting in the Ed Semonian Boardroom or through the live broadcast on YouTube: http://board.alexrenew.org

Public comments will be taken in person at Alexandria Renew Enterprises. Submission of written statements is encouraged. Written statements may be emailed to the Board Secretary at <u>lorna.huff@alexrenew.com</u>

Public comment will also be received at this meeting. If you wish to speak during public comment, please email or call the Board Secretary at (703) 721-3500 ext. 2260 in advance so you can be added to the speakers list. A recording of the meeting will be posted on <u>http://www.alexrenew.com</u> after the meeting.

1.	Call to Order (6:00 p.m.)	Chairman	
2.	Approval of Agenda (6:02 p.m.)	Chairman	Approval
3.	Public Comment Period (6:05 p.m.)	Chairman	
4.	Consent Agenda (6:14 p.m.) A. Minutes (Meeting February 21, 2023) (Tab 1)	Chairman	Approval
5.	Unfinished Business (6:16 p.m.) A. None	Chairman	Approval
6.	 New Business (6:18 p.m.) A. Overview of FY2024 Draft Operating and Capital Budget and Proposed FY2024 and FY2025 Rate Recommendation B. Review and Approve the registration of AlexRenew and Alexandria Renew as new fictious names/DBAs with the State Corporation Commission (Alex Only) (Tab 2) 	Chairman Mr. Carl Mr. Carl	Approval
7.	AlexRenew Monthly Outcomes Update (6:30 p.m.) (Tab 3)	Mr. Carl	Information
8.	 Request for Board Availability (6:40 p.m.) A. August Board Retreat (Friday & Saturday) B. September Governance Committee Meeting C. October Finance & Audit Committee Meeting 	Chairman	
9.	Closed Session to discuss a personnel matter (6:45 p.m.)	Chairman	
10.	Adjourn	Chairman	

Times shown in parentheses are approximate start times and serve as guidelines

If you need an interpreter, translator, materials in alternate formats or other accommodations to access this service, activity or program, please call (703) 721-3500 ext. 2260 at least three business days prior to the meeting.

A Finance and Audit Committee Meeting is scheduled for Monday, March 27, 2023 @ 5:00 p.m.

The next Regular Board of Directors meeting is scheduled for Tuesday, April 17, 2023

Members of the public may park in the parking lot across the street from Alexandria Renew at the corner of Limerick and Bartholomew Streets

Chairman- John Hill • Vice Chairman- Jim Beall	
 Secretary-Treasurer-William Dickins on 	
Members- Adrian a Caldarelli, Mark Jinks	

Minutes of the 904th Meeting *"Celebrating Over 60 Years of Continuous Environmental Excellence"* Alexandria Renew Enterprises 6:00 p.m., Tuesday, February 21, 2023

On Tuesday, February 21, 2023, the Alexandria Renew Enterprises Board of Directors held its regular Board of Directors meeting in the Edward Semonian Board Room at 1800 Limerick Street, with the following present:

Members:	Mr. John Hill, Chairman Mr. James Beall, Vice Chairman Mr. William Dickinson, Secretary-Treasurer Mr. Mark Jinks, Member
Excused:	Ms. Adriana Caldarelli, Member
Staff:	Mr. Justin Carl, General Manager/Chief Executive Officer Ms. Caitlin Feehan, Chief Administrative Officer Ms. Felicia Glapion, Chief Engineering Officer Mr. Lake Akinkugbe, Director of Finance Mr. Matt Robertson, Communications and Outreach Manager Ms. Lorna Huff, Secretary to the Board
Counsel:	Ms. Amanda Waters, General Counsel, McGuireWoods LLP
Fairfax County Representative:	Mr. Shahram Mohsenin, Division Director Wastewater Planning & Monitoring Division
City Representative:	Ms. Erin Bevis-Carver, Division Chief T&ES/Sanitary Sewer Infrastructure Division
Consultants:	Mr. Rob Ori, Raftelis Mr. Thierry Boveri, Raftelis

Call to Order

The Chairman called the meeting to order at 6:01 p.m. He noted that this was Mr. Carl's first meeting and congratulated him on being AlexRenew's fifth Chief Executive Officer.

Approval of Agenda

The Chairman requested that members review and approve the agenda. Mr. Dickinson moved, and Mr. Jinks seconded. The Board unanimously approved.

Public Comment Period

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

Consent Agenda

The Chairman requested members review the Consent Agenda which contained the Minutes of the January 17, 2023, meeting. There being no changes to the Minutes, Mr. Beall moved approval and Mr. Dickinson seconded. The Board unanimously approved

Unfinished Business

A. <u>None</u>

New Business

A. Rates and History Presentation

The Chairman recognized Mr. Carl who introduced Mr. Ori and Mr. Boveri from Raftelis. Mr. Carl gave a presentation (see attached) on AlexRenew's Rate History and Background, noting that AlexRenew's Vision and Values align with the organization's budget and rate setting process. AlexRenew serves 300,000 customers in Alexandria and parts of Fairfax County. The organization treats approximately 13 billion gallons of water annually.

AlexRenew's has Board adopted financial policies for debt service coverage based on the Master Indenture of Trust which includes requirements of minimum cash reserves, and a Paygo funding minimum requirement of 15 percent of the Capital Improvement Program (CIP) from cash. AlexRenew has service agreements with Fairfax County, the City of Alexandria and Arlington County that support the budget process. Capital costs are based on these service agreements unless separate project specific agreements are in place. The last service agreement to be updated was the transfer of the City Outfalls to AlexRenew in 2018.

AlexRenew received a AAA credit rating from S&P in 2020 to secure loan funding through Water Infrastructure Finance and Innovation Act (WIFIA).

AlexRenew's Board approved fiscal principals recover costs through rates while being fiscally responsible and sensitive to economic pressures affecting rate payers. In 2020, AlexRenew adopted two, two-year rate adjustments to fund AlexRenew revenue requirements and the initiation of the RiverRenew program.

Mr. Carl discussed the decisions that staff made relative to implementing the RiverRenew plan and how to leverage the necessary increases. After reviewing many scenarios, the Board opted for a gradual rate increase to ensure revenue stability and predictability for rate payers.

The Chairman commended Mr. Carl and the team on a clear, concise and well done presentation. Mr. Carl reviewed next steps including presentation of the FY24 draft budget book and rate proposal at the next meeting, the March 27 Finance and Audit Committee meeting to review the budget and rate proposal in detail, and adoption of the preliminary budget and rate proposal for public notice and set the public hearing at the April meeting. If an additional Finance & Audit Committee is required, one is tentatively scheduled for May. There will also be an additional posting of the May 20 public hearing notice in the Alexandria Gazette.

Members discussed AlexRenew's AAA credit rating, customer delinquencies, and revisiting the minimum monthly threshold to confirm equity for rate payers. Mr. Boveri and Mr. Ori explained the history of the minimum threshold and how AlexRenew arrived at its base charge. Mr. Hill suggested that staff run a rate scenario regarding the winter quarter cap.

B. Review and Approve Policy of Contractor Prequalification for Construction Projects

Discussion

The Chairman recognized Mr. Carl. who referred to the two-step process used for the RiverRenew tunnel procurement. First, the prequalification to bid, Second, the qualification based on price. Staff currently solicits most construction projects through an Invitation to Bid (ITB) in accordance with Section §2.2-4302.1 of VPPA. The addition of a prequalification step on selected projects allows AlexRenew to procure contractors with experience and a proven track-record to perform work. Mr. Carl reported that this policy would be for more complex and specialized projects. The policy was drafted by counsel in accordance with Virginia Public Procurement Act (VPPA). Mr. Dickinson inquired about how staff would apply the qualification, does the process reduce competition, and how to ensure contractor qualification. Mr. Carl reported that the point of a prequalification process is not to limit competition. The policy complies with VPPA guidelines for competition and contractors sign a disclosure notice for the RFQ.

The Chairman inquired on the number of firms that would end up on the list. Mr. Carl reported that it is project specific. There were no additional questions to the board the Chairman requested a motion to approve. Mr. Beall moved and Mr. Jinks seconded. The Board unanimously approved.

C. Request for Board Participation on Ellen Pickering Environmental Award Selection Committee

Discussion

The Chairman noted that many of the Board members have participated on this committee. Mr. Carl provided critical dates and deadlines for the Awards selection committee. Applications application opened today with a March 17 deadline for submissions. The AlexRenew Board representative will be joining a member of the Pickering family, and a member of the EPC. Ms. Feehan reported the expected dates for judging will take place between March 17 and early April. The date of the actual award ceremony has not been determined. Mr. Dickinson inquired about the number of submissions from the prior year and current marketing efforts. The Committee received approximately 6 entries. AlexRenew marketing includes a press release and announcements on social media. The City also advertises. Mr. Jinks is not available after March 29^{th.} Mr. Dickinson agreed to serve on this year's Ellen Pickering Environmental Excellence Award Selection Committee.

CEO Monthly Outcome Reports

Mr. Carl referenced a paragraph under Finance to review the Low Income Household Water Assistance Program (LIHWAP) in Alexandria. LIHWAP is a Federally funded program that is administered through the State. It started in October 2022 and will run until funds are exhausted or through September 1, 2023. Virginia has used \$8 million with \$33,000 distributed to 45 customers in Alexandria as of today. The PromisePay network has worked to reach out to eligible customers who must apply and meet certain criteria to receive funds. Mr. Carl reported that staff is working to bring this information to customers with a bill stuffer and digital advertising in both English and Spanish. Mr. Carl also reported that delinquencies will be brought to the Board in late Spring or early Summer after the rate setting process and new customer service billing system comes online. Customer shut-offs will not occur until after the new billing system is implemented and the status of current customer account numbers is resolved. Board of Directors Page **4** of **5** 2/21/2023

Members inquired about the new system and the time frame for beginning shutoffs. It was reported that the new system is "off the shelf" and that shut offs will not begin until the end of 2023 and beginning of 2024.

RiverRenew Dashboard

Mr. Carl referenced page 3 of the RiverRenew dashboard under Pendleton Street noting that pile driving is anticipated to begin next week. Shaft excavation was completed last week as have mobilization of the hydraulic hammer to drive those piles. Outreach has already begun with most customer feedback concerning vibrations. Hazel has mined 800 feet and all trailing gear has been installed. Vertical and horizontal conveyor systems are being installed to enter full production mining. Mining is expected to take 6 weeks. Tunnel boring will begin again at the end of March or in early April. Duke Street work to get out of the AVR by the Marriott Hotel has a March 9 deadline. Contractors are working extended hours in the construction staging area to accomplish this. Page 6 of the Dashboard notes the upcoming Community Listening Sessions on March 6 (Pendleton Street), March 7 (Hooffs Run) and March 9 (Royal Street). The Hooffs Run session will include information on the Commonwealth Interceptor and a member of City staff will also be present to discuss the stormwater program.

Tunnel tours are scheduled for May 6. Staff can accommodate 120 participants. Staff will inform the Board, Council Board Workgroup and SAG when outreach begins. Mr. Dickinson inquired about construction complaints. Mr. Carl reported very few complaints since initial outreach. Members inquired about the effect of the work on Shiloh church. Mr. Carl reported that staff has been communicating with Shiloh and ensuring they know in advance about lane closures.

The Chairman noted the updated Civic Association and Homeowners Association calendar and requested that staff be strategic and consider which organizations to engage in view of AlexRenew and City construction. Mr. Dickinson reviewed the list and provided changes to the Board Secretary.

Mr. Carl reported that he would review changes and add to next month's Board Package under the Info Section tab.

Closed Session

At 7:31 p.m., the Chairman, Pursuant to Section 2.2-3711 of the Code of Virginia, moved the Board into a closed session to discuss a personnel matter regarding the employee incentive program. Mr. Dickinson seconded. The Board unanimously approved.

At 7:41 p.m. the meeting returned to open session, and the following certification was unanimously adopted by the members: "Pursuant to 2.2-3712(D) of the Virginia Freedom of Information Act, it is hereby certified that to the best of each Member's knowledge, (1) only public business matters lawfully exempted from the open meeting requirements of the Act, and (2) only public business matters identified in the motion by which this closed meeting was convened were heard, discussed, or considered by Alexandria Renew Enterprises."

Mr. Beall moved, and Mr. Dickinson seconded. All Members present voted via roll call:

Mr. Hill	Aye
Mr. Beall	Aye
Mr. Dickinson	Aye
Mr. Jinks	Aye

The Chairman motioned to approve the resolution discussed in closed session. Mr. Beall seconded. The Board unanimously approved.

There being no additional business, the Chairman requested a motion to adjourn. Mr. Dickinson moved and Mr. Beall seconded. The Board unanimously approved.

APPROVED:		
	Secretary-Treasurer	



Alexanew Rate History and Principles

Briefing for AlexRenew Board of Directors

ebruary 21, 2023

Presentation outline

- AlexRenew's vision and values
- Who AlexRenew serves
- AlexRenew financial policies and covenants
- AlexRenew rate setting principles and board guidance
- Overview of rate adjustments associated with RiverRenew
- Next steps for FY2024 AlexRenew budget and rate adjustment



AlexRenew's 2040 Vision is to effectively partner with watershed stakeholders to:

Enable local citizens the opportunity to embrace the best use of water resources and **establish a personal connection** with local waterways. Create a **healthy environment** and improve our quality of life through the exceptional reclamation of used water resources.

Sustainably manage water as a single resource through the entire water cycle.

Maximize use of multiple financial options to continue our **fiscal stability**.



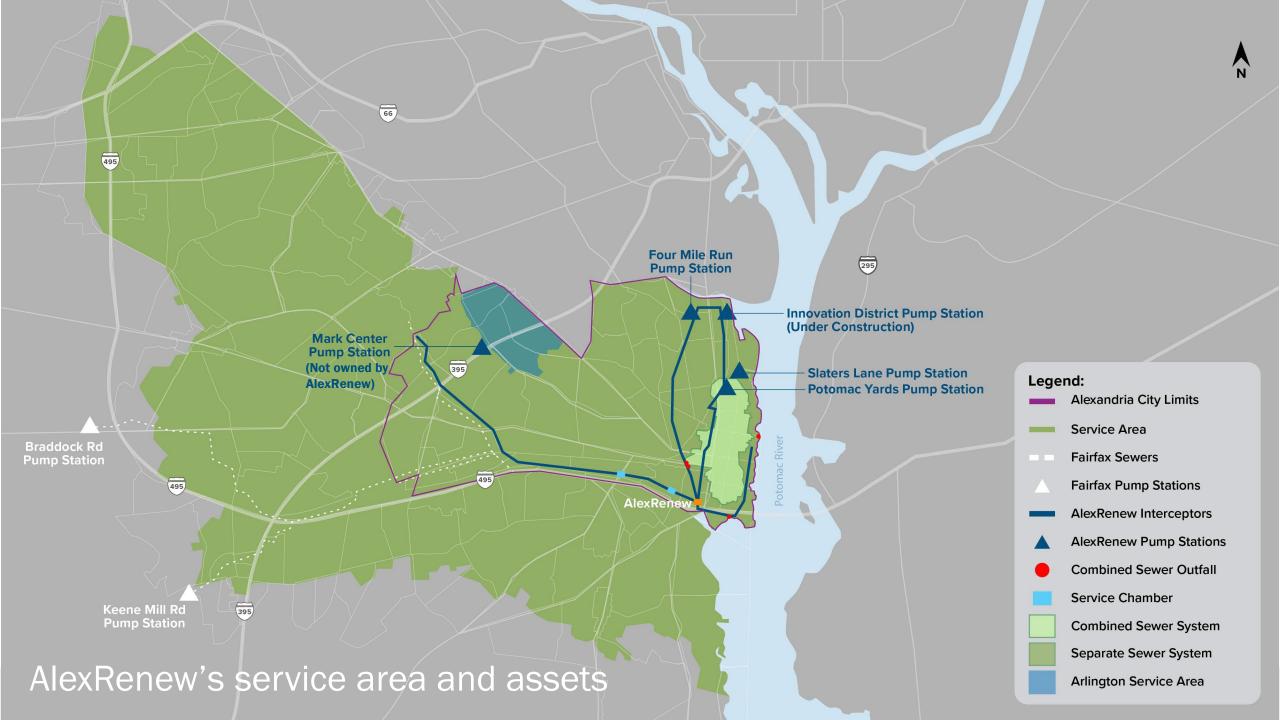
In support of AlexRenew's 2040 Vision, our Strategic Outcomes set organizational objectives and budget





AlexRenew

- Purifies 13 billion gallons of wastewater at its Water Resource Recovery Facility each year
- Serves over 300,000 customers in Alexandria and Fairfax County
- Independent political subdivision
- Invests over \$50M annually to protect waterways and the Chesapeake Bay
- Governed by a 5-member citizen
 Board



AlexRenew treats about 13 billion gallons of wastewater each year from residential, commercial, and industrial customers

Customer C	Customer Class		Billed Flow* (kgal/yr)
	Residential Single Family. Designed for living, includes single family homes, some townhouses	23,908	987,647
	Commercial. Not designed for living, business related units	3,439	3, 2 69,387
	Multi-Family. Designed for living, includes apartments and townhomes greater than 4 units		
	Industrial / Other Public Agencies. Industrial business units, schools, government agencies	172	146,315
1742	Fairfax County. Wholesale customer	N/A	6,204,234

*Amounts shown reflect billed flows based on metered flows for the Fiscal Year 2022.

The Master Indenture of Trust represents the legal covenant between AlexRenew and bond holders

Provisions and covenants of the Master Indenture of Trust

- Authorizes issuance of outstanding debt
- Level of rates/rate covenant
- New debt
- Minimum cash reserves
- Flow of funds
- No free service
- Annual budget
- Audit
- Sale of property >\$250k

Flow of funds

Revenue Fund	Revenues are initially deposited to the Revenue Fund and then transferred to other funds
Operating Fund	Revenues are first deposited to the Operating Fund to pay operating expenses
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 Fund	Revenues then deposited to the Joint IRR Fund to meet required Joint IRR transfers per Fairfax Agreement
General IRR Fund	Revenues then deposited to the General IRR Fund to meet required Alex-only specific IRR needs
General Fund	Any remaining revenues deposited within the General Fund

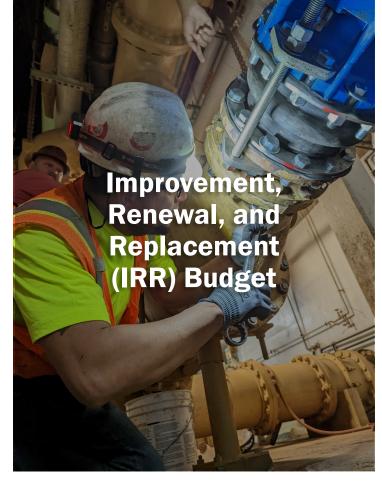


AlexRenew's budget categories to fund peak performance of our facilities

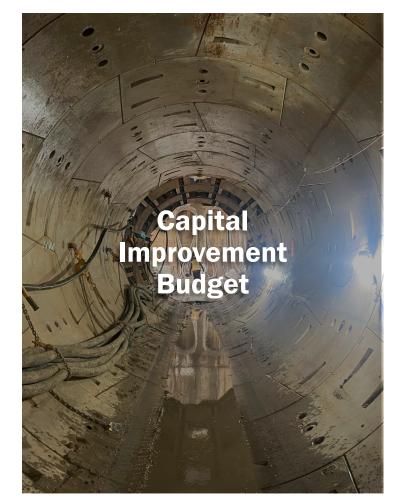
Operations and Maintenance (0&M) Budget

Operation of utility and routine maintenance to

efficiently and effectively achieve our mission



Projects that improve, renew, or replace existing assets for unit processes, facilities, business support, and infrastructure



Major non-recurring projects that add to or replace existing unit processes, facilities, business support, and infrastructure



AlexRenew has sound financial policies guiding its future

Debt Service Coverage

Based on Master Indenture of Trust
Current minimum target set at 1.5×



Minimum Reserves

• 120 days of operating expenses



• Fund a minimum of 15 percent of 10-year Capital Improvement Program from cash



Submit 10-year Capital Improvement Program and minimum of 3-year budget

AlexRenew Financial Policy was developed in 2010 and last endorsed by the AlexRenew Board in 2021

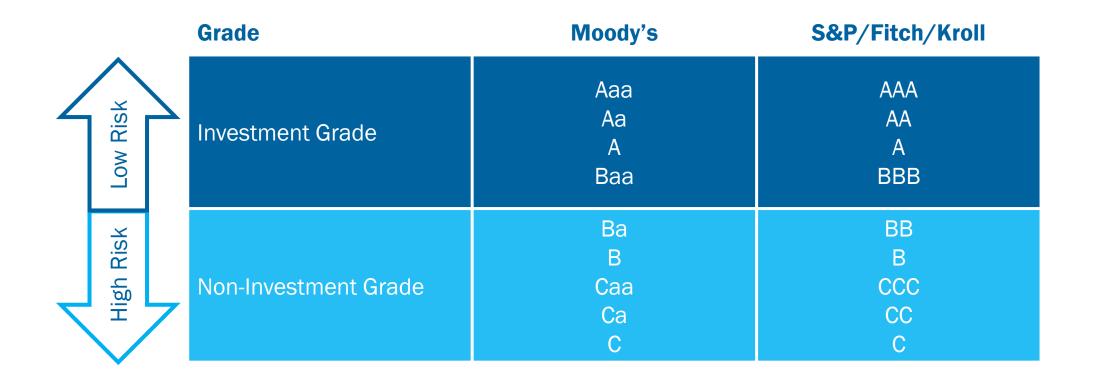


AlexRenew has three service agreements that support our budget

Item	Fairfax County	Arlington County	City of Alexandria	
Original date	1973	1977	1954	
Last amendment	1998	1994	2018	
Capacity	32.4 MGD to WRRF	3.0 MGD to Arlington WPCP	21.6 MGD to WRRF	
Billing	Fairfax pays AlexRenew for wholesale wastewater treatment services	AlexRenew pays Arlington for wholesale wastewater treatment services for small portion of City flows to WPCP	 Alexandria customers pay AlexRenew via wastewater rates: Volumetric charge based on monthly water use 	
Operating expenses	Share proportionate to actual flows to the WRRF	Share proportionate to actual flows to the WPCP	 Base charge based on maintenance of assets and debt 	
Capital costs	Share based on service agreement and project-specific agreements	Share based on service agreement		

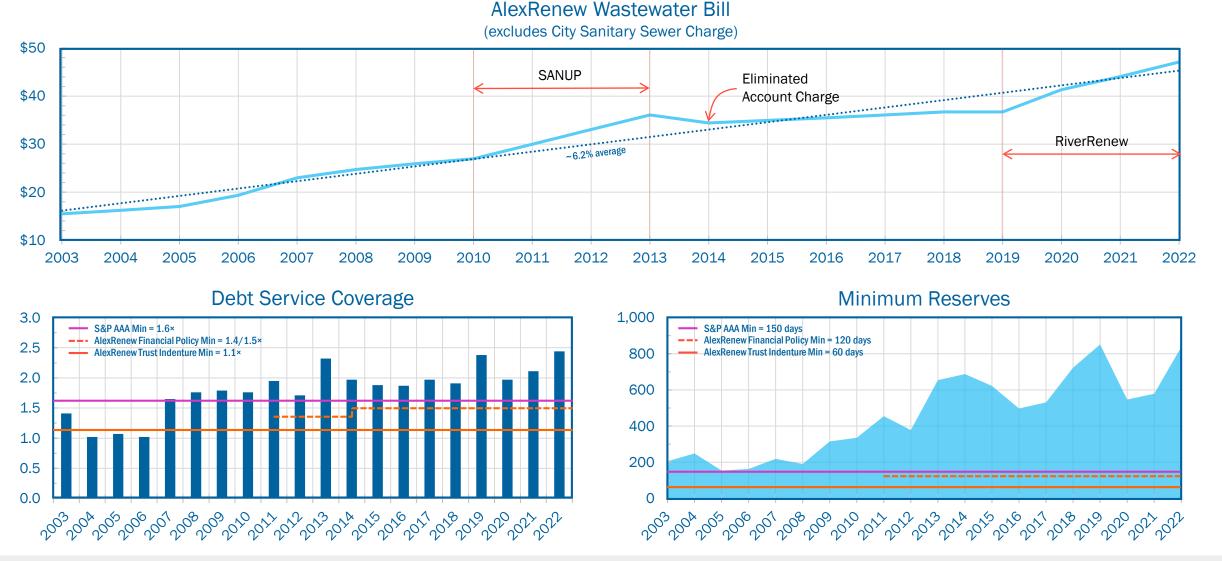


AlexRenew received a AAA credit rating from S&P as part of securing a WIFIA loan for RiverRenew



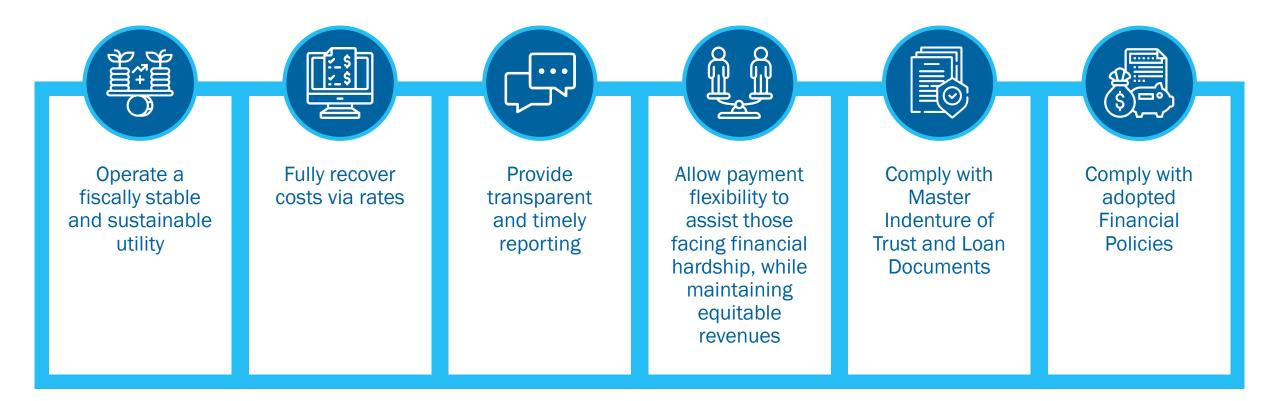


AlexRenew historical trends for billing, debt service coverage, and minimum reserves



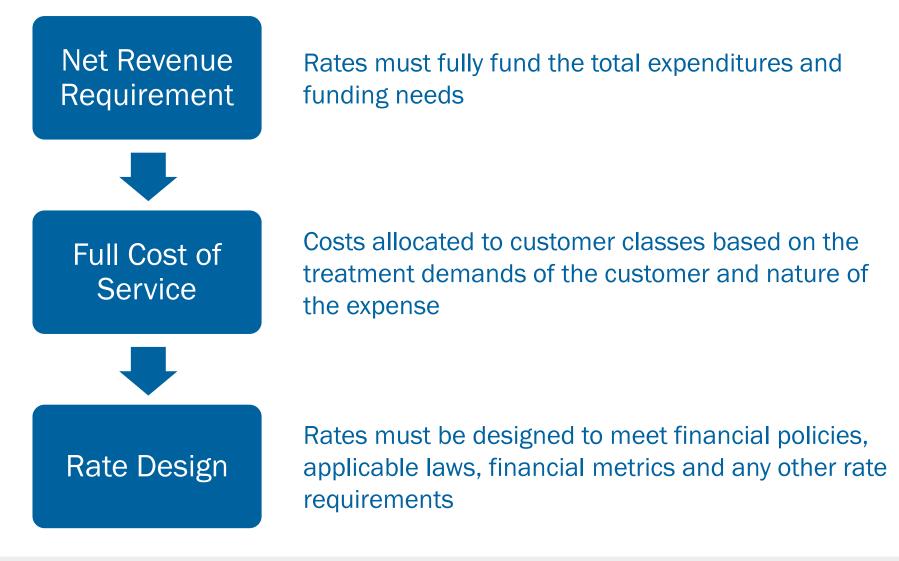
A L E X A N D R I A RENERPRISES*

AlexRenew's fiscal principles guide the rate setting process to maintain a strong fiscal position and stable adjustments to our customers



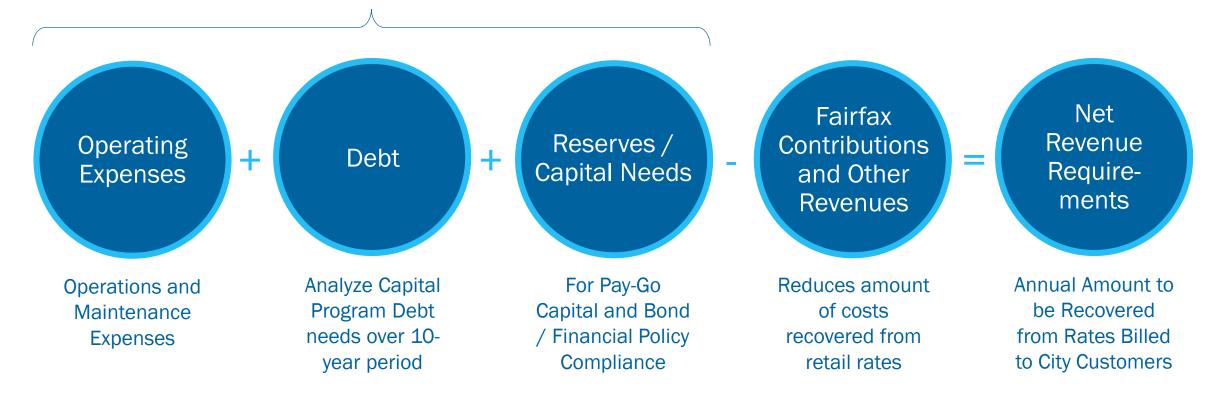


AlexRenew's rates are designed to fully cover our expenditures and funding needs



Net revenue requirements are gross revenue requirements less revenues from sources other than the user fees

Annual amount to be recovered from rates billed to City customers





In 2019, the AlexRenew Board adopted the approach to recover RiverRenew costs through combined base and flow charges.

This approach ensures that all customers contribute equally based on need and it promotes predictability, consistency, and fairness.

Current Charges	Bill Date: Sep 15, 2022	
Wastewater Treatment Charge	46.50	
Base Charge	13.14	
Wastewater Treatment and Base Charges cover equipment, buildings and their major repair and replacement, and the water professionals, energy and other resources to make your used water useful		
City Sanitary Sewer System Capital Investment and Maintenance Fee	11.40	
Current Charges	70.84	
Find bill details on the back side of you	r statement	

Option 1 **Option 3** Option 2 **Customer Class** Recover costs Recover 100% Recover 100% on combined of costs in of costs in base and flow base charge flow charge charges **Residential Single** 73-106% **63-91**% 65-94% **Family User Small Commercial Low** 210-311% 22-29% 65-94% **Volume User Small Commercial High** 26-35% 77-112% 65-94% **Volume User** Large Commercial High

20-26%

Volume User

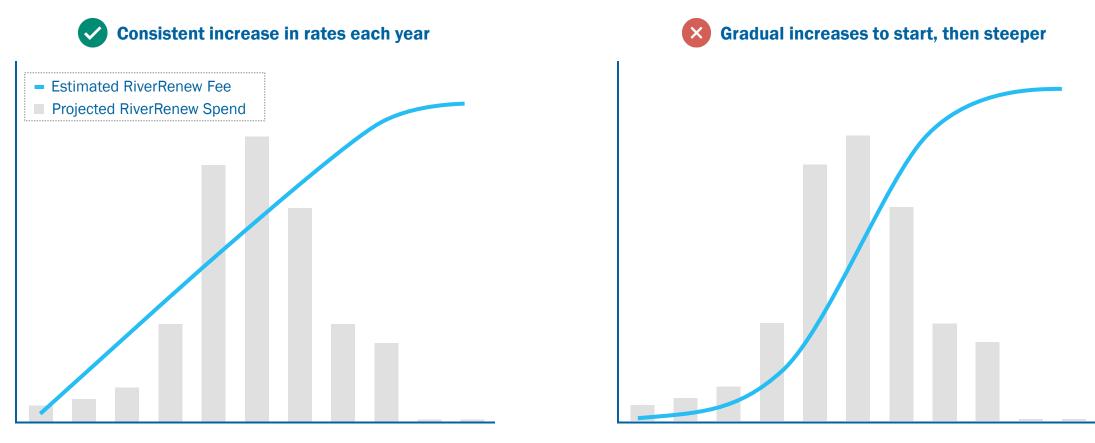
2019 Estimated Range of Rate Adjustment

79-115%



65-94%

AlexRenew's adopted rate setting plan for RiverRenew ensures rate consistency and predictability to our customers



Recommended rate adjustments were set over two-year periods to:

- Promote revenue predictability and stability
- Allow for adjustment of rates as conditions evolve
- Provide certainty for CIP funding (RiverRenew spending peaks)



Starting in Fiscal Year 2020, AlexRenew has adopted two, two-year rate adjustments to fund AlexRenew revenue requirements including initiation of RiverRenew

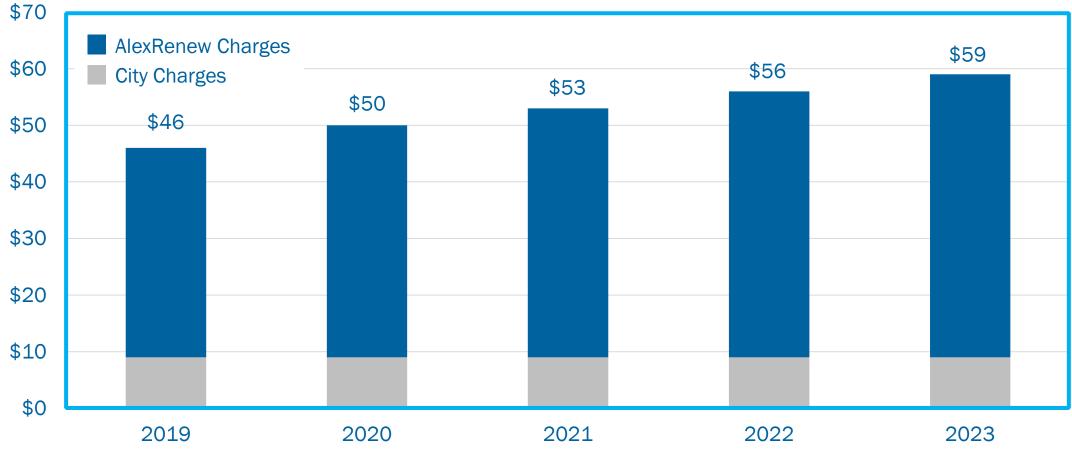
Rate Adjustment	Fiscal Year	Beginning on:	Adopted Rate Adjustment	Estimated Monthly Bill Change (1)
First	2020	July 1, 2019	12.7%	\$4.70
	2021	July 1, 2020	6.6% (2)	\$2.70
Second	2022	July 1, 2021	6.9%	\$3.00
	2023	July 1, 2022	6.5%	\$3.00

Notes:

- 1. Based on 4,000 gallons consumption for average residential customer
- 2. Rate adjustment reduced from 11.4% due to COVID-19 pandemic



Fiscal Year 2019-2023 monthly Wastewater and City Sewer Residential Bill at 4,000 gallons



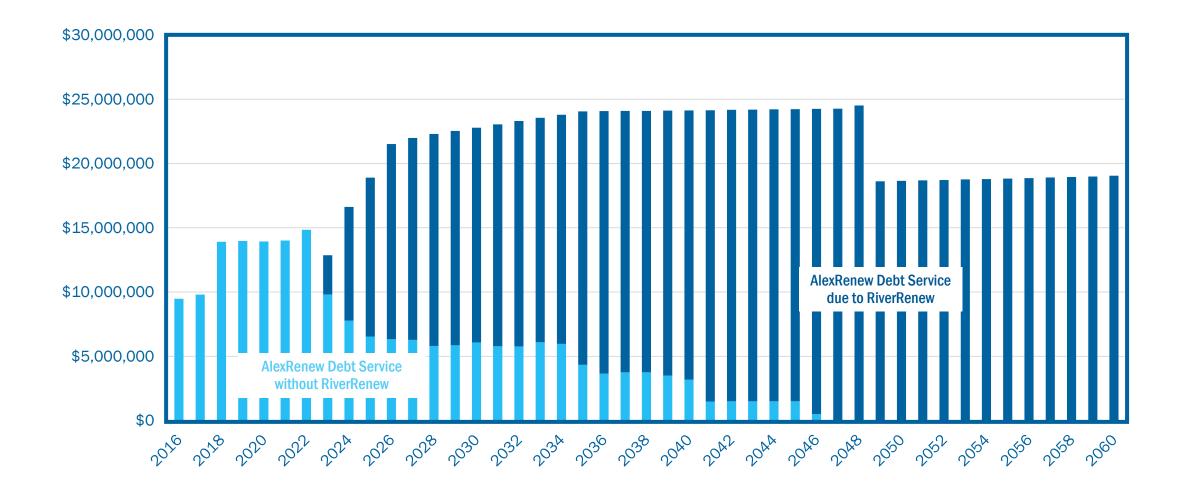
Notes:

• Based on 4,000 gallons consumption, including City sewer charge of \$2.28 per kgal

Includes previous rate adjustments associated with RiverRenew

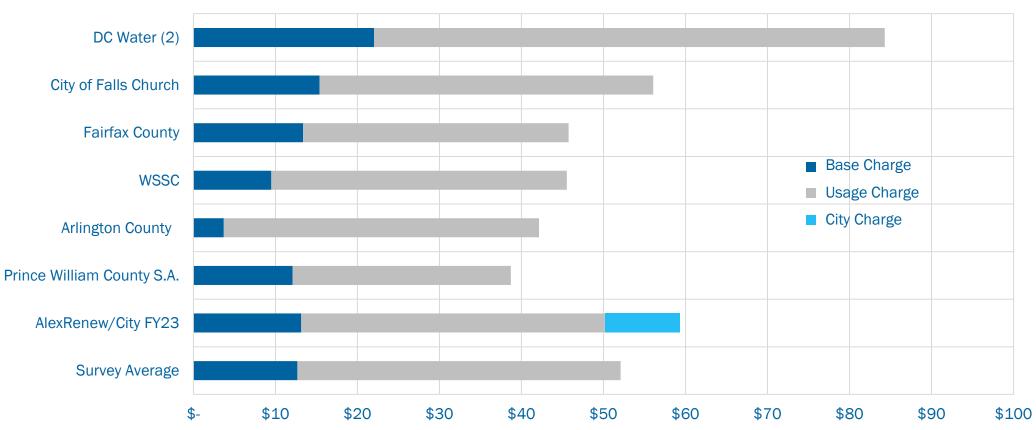


AlexRenew is funding RiverRenew primarily through State and Federal loan programs, which results in additional debt service through 2060





AlexRenew rates compared to regional wastewater rates



Monthly Sewer Charges For Single Family Residential Customers (1)

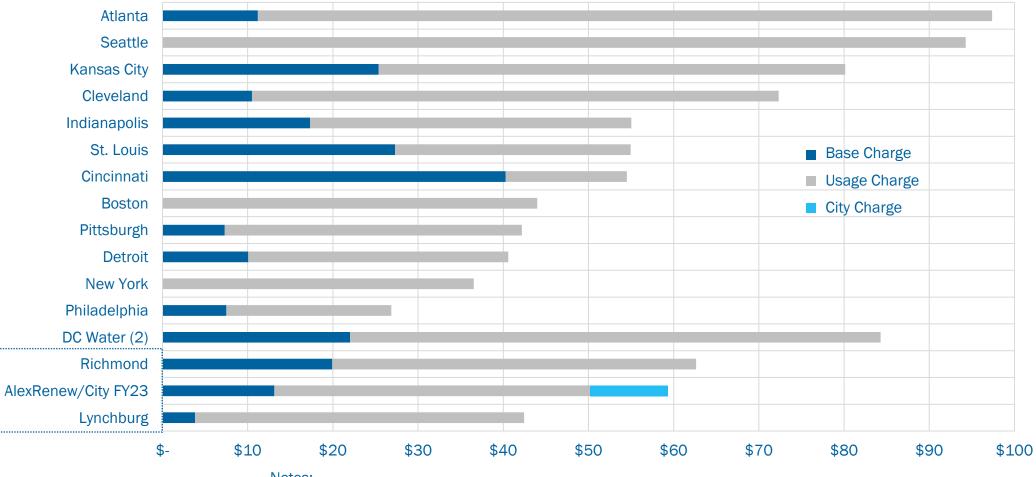
Notes:

(1) Based on 4,000 gallons monthly usage

(2) DC Water is the only other local combined sewer community besides AlexRenew



AlexRenew rates compared to other combined sewer community rates



Monthly Sewer Charges For Single Family Residential Customers (1)

Notes:

(1) Based on 4,000 gallons monthly usage

(2) DC Water is the only other local combined sewer community besides AlexRenew



Virginia

Next Steps for FY2024 AlexRenew budget and rate adjustment

Item	Feb	Mar	Apr	Мау	Jun	Jul
Board Meeting	Feb 21. Rate History and Principles Presentation	Mar 21. FY2024 Preliminary Budget and Rate Proposal Presentation	Apr 18. Adopt Draft Budget and Approve Resolution for Public Hearing		Jun 20. Approve FY2024 Budget and Rate Proposal	
Finance & Audit Committee Meeting		Mar 27. Review Preliminary Budget and Rate Proposal		Tentative meeting in May		
Public Notice			Apr 20 or 27. Alexandria Gazette	May 4. Alexandria Gazette (if 1st posting Apr 27)		
Draft Budget and Rate Hearing				Sat., May 20 9 a.m12 p.m.		
Rate Adjustment						Jul 1. Implement Rate Adjustment





To learn more, visit www.alexrenew.com



AlexRenew is an independent public authority that manages Alexandria's wastewater to improve our local waterways.

703.721.3500 AlexRenew.com **f** 🕊 💿 in

1800 Limerick Street, Alexandria, Virginia 22314

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CHIEF EXECUTIVE OFFICER

Justin Carl, PE

GENERAL COUNSEL

McGuire Woods, LLP



MEMORANDUM

TO:	AlexRenew Board of Directors
FROM:	Justin Carl, CEO
DATE:	March 14, 2023
SUBJECT:	Request for additional Doing Business As/fictitious names to be registered with the Virginia State Corporation Commission

Issue

Alexandria Renew Enterprises is frequently referred to by employees, government entities, and the general public as both Alexandria Renew and AlexRenew. Currently, the only fictitious name the organization has officially registered with the Virginia State Corporation Commission (SCC) is Alexandria Renew Enterprises.

Recommendation

Staff respectfully requests the organization registers both Alexandria Renew and AlexRenew as fictitious names with the SCC so the names can be used for items associated with billing, branding, and other official business matters.

Budget and Funding

Filing a fictitious name with the SCC requires a fee of \$10.00 for each name.

Discussion

The VA Authorities Act Section 15.2-5102 requires that the official name of the authority contain the word "authority." For this reason, AlexRenew must continue to use its official seal for legal, tax, and official governance documents. However, the organization can register fictitious names with the SCC for the purposes of billing, branding, etc. Registering these names with the SCC is straightforward and requires no changes to AlexRenew's bylaws.

Congruence with AlexRenew Strategic Plan

This action enables our strategy of Public Engagement and Trust.

Registering New Fictitious Names with SCC

ACTION TAKEN			
Approved:	-		
Disapproved:	_		
Approved with Modification:	-		
Modification(s):			

CEO Board Report February 2023

Dear Members of the Board of Alexandria Renew Enterprises,

The Alexandria Renew Enterprises (AlexRenew) Board of Directors met on February 21, 2023. During the meeting, the board approved a policy on prequalification process for construction projects. The Board also selected Mr. Dickinson to serve as AlexRenew's representative on the 2023 Ellen Pickering Environmental Excellence Award Selection Committee.

Operational Excellence

Precipitation for February at the Reagan National Airport was 2.08 inches, which is below the Washington, D.C. historical average precipitation of 2.62 inches for the month. There were no sanitary sewer overflows in the collection system or at the plant during the month.

Biosolids production for 1,518 wet tons, all of which was beneficially used through land application in the Virginia counties of Essex, Hanover, King George, King William, Charles, and King & Queen.

AlexRenew met all Virginia Pollutant Discharge Elimination System (VPDES) effluent parameters for February 2023.

Treatment	Daily Average Flow	Carbonaceous Biochemical Oxygen Demand	Total Suspended Solids	Ammonia (as N)	Dissolved Oxygen	Total Nitrogen ¹	Total Nitrogen LOAD	Total Phosphorus	Total Phosphorus LOAD
	MGD	(Monthly Average) mg/L	(Monthly Average) mg/L	(Monthly Average) mg/L	(Minimum) mg/L	(Annual Average) mg/L	(YTD) Ib.	(Monthly Average) mg/L	(YTD) Ib.
Permit	54.0	5.0	6.0	Seasonal ²	6.0	3.0	493,381	0.18	29,603
Reported	40.3	<ql< th=""><th>2.4</th><th>0.33</th><th>9.0</th><th>2.6</th><th>50,092</th><th>0.10</th><th>1,917</th></ql<>	2.4	0.33	9.0	2.6	50,092	0.10	1,917

<u>NOTES</u>

- 1. Total Nitrogen expressed as year-to-date average.
- 2. Ammonia has seasonal limits February March: 6.9 mg/L

Finance

See Financial Statement (Attachment 2).

Public Engagement and Trust

Tours and Events

AlexRenew welcomed a total of 133 visitors from the following organizations that hosted meetings on the 6th floor of the Environmental Center: NoVa Synchro (30), ULI Washington (28), Alexandria Chamber of Commerce (60), and Campagna Center (15).

Customer Service

Customer service received a total of 847 calls with 52 percent opting for self-service. The average call answer time was 37 seconds. Call center staff answered 99 emails.

Social Media and Website

During the month of February, we had 27,500 total social media impressions and total 2,558 engagements on our social media posts. We had 896 engagements on Facebook and 158 engagements on Twitter. We have 3,584 followers on Facebook, 3,254 on Twitter, 2,611 on LinkedIn, and 285 on Instagram. Alexrenew.com had 5,028 visitors and had 9,533 page views in February. We had 298 visitors click through to AlexRenew.com from social media. RiverRenew.com had 671 visitors and 4,161 page views.

Media Coverage

There was no media coverage in February.

Watershed Stewardship

See RiverRenew Dashboard (Attachment 1).

Adaptive Culture

Since September 2022, AlexRenew has logged 89,214 hours without a lost time accident.

Thank you for your ongoing dedicated service to AlexRenew.

Regards,

Justin Carl Chief Executive Officer

RiverRenew Board of Directors Dashboard



MONTH ENDING: FEBRUARY 28, 2023

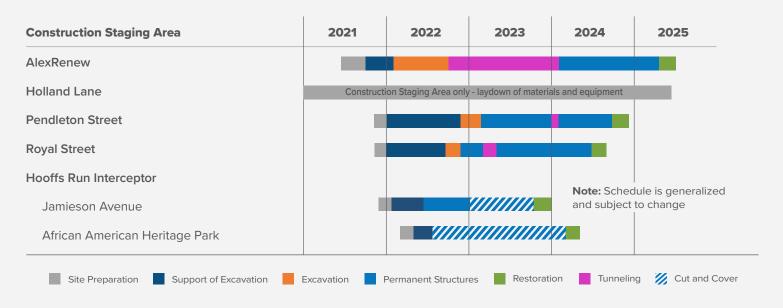
RiverRenew is a program owned and implemented by AlexRenew, Alexandria's public regional wastewater treatment provider.

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 RiverRenew projects at AlexRenew's wastewater treatment plant are complete. The remaining project includes the construction of a new tunnel to connect AlexRenew's wastewater treatment plant to the four existing combined sewer outfalls in Alexandria.

The Tunnel Project is illustrated on Page 4 of this dashboard. Construction associated with the Tunnel Project started in early 2021 and will continue through 2025 at five primary locations in Alexandria. The phases of construction at each location 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.

RiverRenew Tunnel Project Design-Build Progress

Overall Project Progress

(Design and Construction)

	38%	
	41 %	
▲ DEC 2020		JUL 2025 🛦



						100%	5
	///////////////////////////////////////		///////	///////		//100%	5
Construction	Progress				C	OCT 2022	
	21%						
(//////////////////////////////////////	20%						
						JUL 2024	



Design Progress	
	100%
	///////////////////////////////////////
Construction Progress	OCT 2022 🛦
	51%
///////////////////////////////////////	58%
	SEP 2023 🔺

Actual Progress

LEGEND:



Design Progress	
	100%
	///////////////////////////////////////
Construction Prog	ress JAN 2023 🛦
	27%
	26%
	NOV 2024 🔺



	100%
	////100%
Construction Progress*	NOV 2022 🛦
23%	
28%	
	Aug 2023 🔺



Planned Completion Date

Actual Progress as of February 28, 2023. Planned Progress bars are representative of updates to Baseline Schedule. *The planned progress for each construction staging area reflects the Design-Builder's schedule as of February 2023.

Planned Progress

RiverRenew Tunnel Project Six-Month Look-Ahead

Work Hours

NORMAL WORK HOURS

Pendleton Street	5 a.m. – 11 p.m.
Royal Street	7 a.m. – 6 p.m.
Hooffs Run	7 a.m. – 6 p.m.
AlexRenew	24/7

Pendleton Street

MAJOR WORK ACTIVITIES

Activity	Date
Near surface structures deep foundations (pile driving)	Mar 2023
Shaft liner and base slab construction	Apr 2023
Near surface structures construction	Aug 2023

PERMITS

Permit	Date
DSUP Final Site Plan Approval	Mar 2023
Building Permit - Shaft Liner and Base Slab	Mar 2023

Royal Street

MAJOR WORK ACTIVITIES

Activity	Date
Near surface structures support of excavation	Ongoing through Mar 2023
Near surface structures deep foundations	Apr 2023
Near surface structures construction	Jun 2023

PERMITS

Permit	Date
Building Permit - Shaft Liner and Base Slab	May 2023
Building Permit - Shaft Mechanical, Electrical, and Plumbing	Jun 2023

Waterfront Tunnel

MAJOR WORK ACTIVITIES

Activity	Date
Mining	Ongoing through Jan 2024

Community Outreach

Event	Date
Council-Board Workgroup Meeting No. 18	April 19, 2023
2023-2024 RiverRenew SAG Meetings	Third Thursday of every other month
Community Listening Sessions	March 6, 7, and 9
Tunnel Tours	May 6, 2023

Hooffs Run

MAJOR WORK ACTIVITIES

Activity	Date
North of Jamieson Ave	
Diversion chamber construction	Ongoing through Aug 2023
Open cut construction	Ongoing through Fall 2023
Junction chamber construction	Ongoing through May 2023
African American Heritage Park	
Sheeting installation	Ongoing intermittently through Aug 2023
Open-cut construction	Ongoing through Fall 2023
Jamieson Avenue full closure	Summer 2023

AlexRenew

MAJOR WORK ACTIVITIES

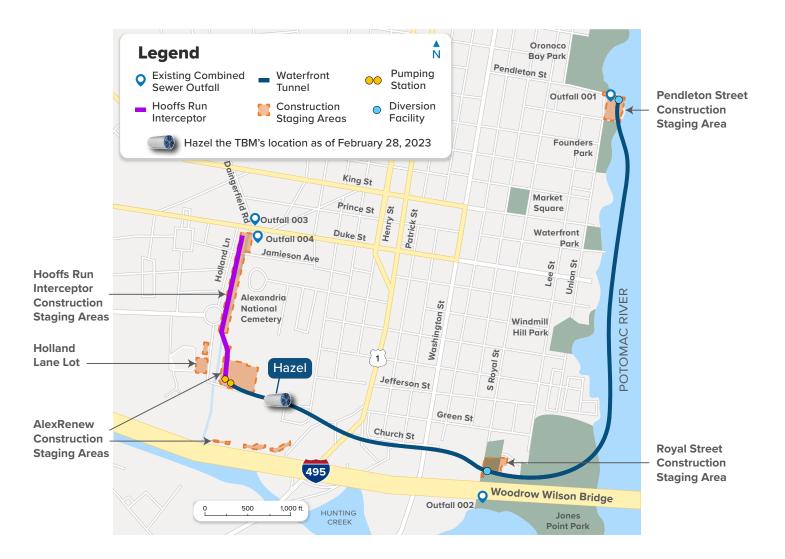
Activity	Date
Near surface structures support of excavation	Ongoing through Mar 2023
Pumping Shaft base slab construction	Ongoing through Apr 2023
Hooffs Run Interceptor (portion at AlexRenew)	Ongoing through Jun 2023
Pumping Shaft liner construction	Apr 2023
Near surface structures deep foundations	Apr 2023
Near surface structures construction	Jul 2023

PERMITS

Permit	Date
Building Permit - Near Surface Structures	Mar 2023
Building Permit - Shaft Liner and Base Slab	Mar 2023
Building Permit - Shaft Mechanical, Electrical, and Plumbing	May 2023

RiverRenew Tunnel Project Snapshot

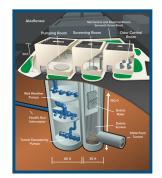
The Tunnel Project includes the following major components: a two-mile-long, 12-foot-wide, 100-foot-deep tunnel; a six-foot-wide sanitary sewer interceptor; diversion facilities to capture combined sewer discharges; and two pumping stations.





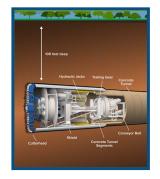
Hooffs Run Interceptor

Click **here** to learn more about upcoming activity at our Hooffs Run site.



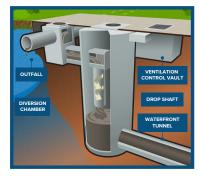
Pumping Station

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 will be constructed.

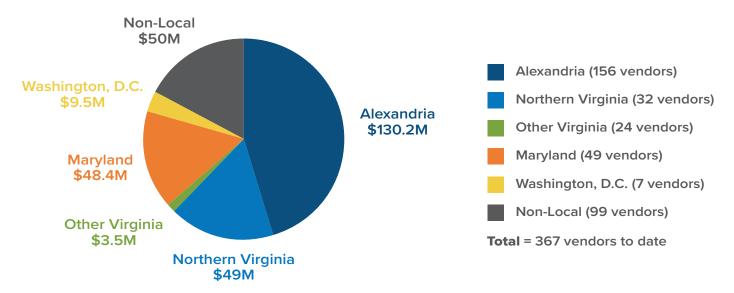


Diversion Facility

Click **here** for an introduction to diversion facilities from two RiverRenew engineers.

RiverRenew Program Costs to Date

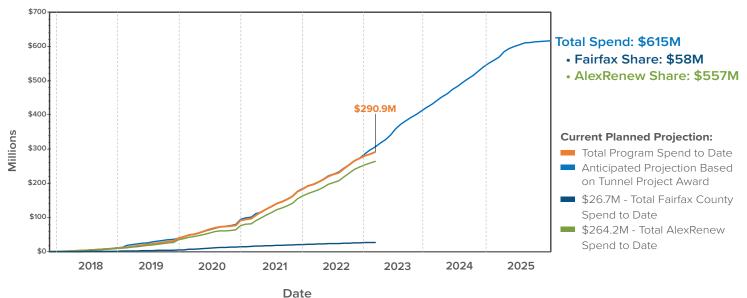
RiverRenew Spend to Date by Locality



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	\$163.2
Brown and Caldwell	Owner's Advisor	Professional Services	17-022	Nov 2017	\$66.2
EPC	PC Resident Engineering & Inspection Tunnel System Project		20-013	Apr 2020	\$11.1
Completed RiverRenew Wast	\$50.4				

RiverRenew Cash Flow Analysis



RiverRenew Community Outreach



Community Meetings

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

Looking Ahead:

 2023-2024 RiverRenew SAG Meeting No. 1: March 16, 2023



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: March 6, 7, and 9



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:

• Waterfront Tunnel Tours: May 6, 2023



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 500 contacts.

Highlights:

• A social post promoting our upcoming Community Listening Sessions



 Social media content sharing the arrival of Marguerite the Microtunnel Boring Machine (see page 7)



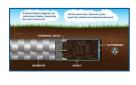
Education

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

Highlights:

• A new program update, explaining how a TBM constructs a tunnel

Looking Ahead:



 An animated video and printed banner sharing the TBM

QQ QQ

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. 18: April 19, 2023

Monthly Construction Spotlight



Meet Marguerite, the Microtunnel Boring Machine!

Marguerite Williams was the second most popular namesake in our **2021 TBM naming campaign**. Now, we're proud to introduce Marguerite, the Microtunnel Boring Machine (MTBM)!

Standing at 76 inches tall, this remote-controlled machine will excavate a tunnel and install new pipe to build a portion of the Hooffs Run Interceptor at AlexRenew. When the pipeline is complete, the interceptor will connect AlexRenew with the diversion facilities located at Duke Street.

Rodrigo Pradel — a local painter, illustrator, and artist who works with a wide variety of mediums — designed and painted Marguerite's shield to celebrate her launch and honor her namesake.

Learn more about Marguerite the MTBM and her namesake at RiverRenew.com/news/program-updates/marguerite

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 public regional wastewater treatment provider.

Attachment 1



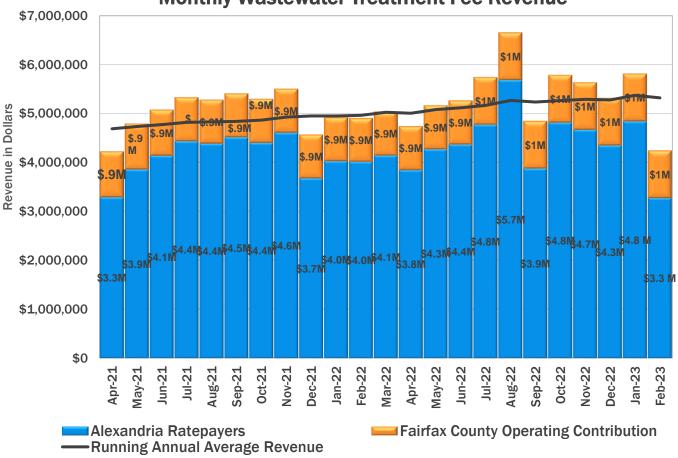
Month: February 2023

<u>Overview</u>

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

<u>Revenues</u>

- FY23 operating revenues totaled \$44.0 million through the end of February with approximately \$36.2 million in Wastewater Treatment Charge revenue and \$7.8 million collected from Fairfax County. Wastewater Treatment Charge revenue is \$2.3 million (6.73%) above the Fiscal 2023 YTD budget.
- Revenue performance is primarily driven by billed flows that may be impacted by seasonality and by the Virginia American Water meter reading process, which can vary month-to-month.
- The Fairfax County operating expense charge and IR&R contribution YTD are on budget respectively. Fairfax County capital outlay contributions are also in-line with capital expenditures.



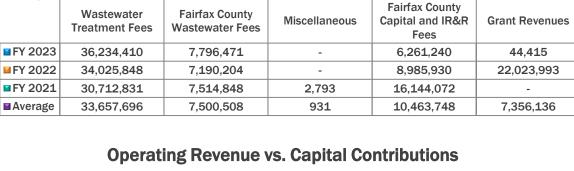
Monthly Wastewater Treatment Fee Revenue

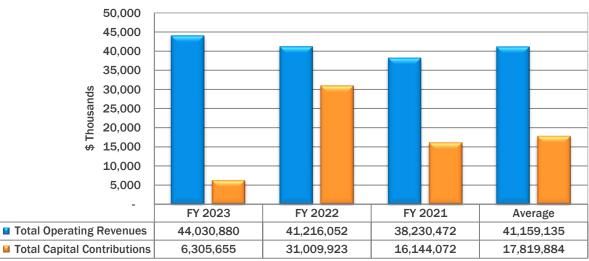
\$ Thousands





Annual Revenue and Capital Contributions





Total Capital Contributions include Fairfax County Capital and IR&R Fees and Grant Revenues.

Expenses

To date, actual FY23 operating expenses match projected FY23 budget expenditures. The debt service fund spend rate matches projected budget.

Capital expenses are \$64.40 million year-to-date.

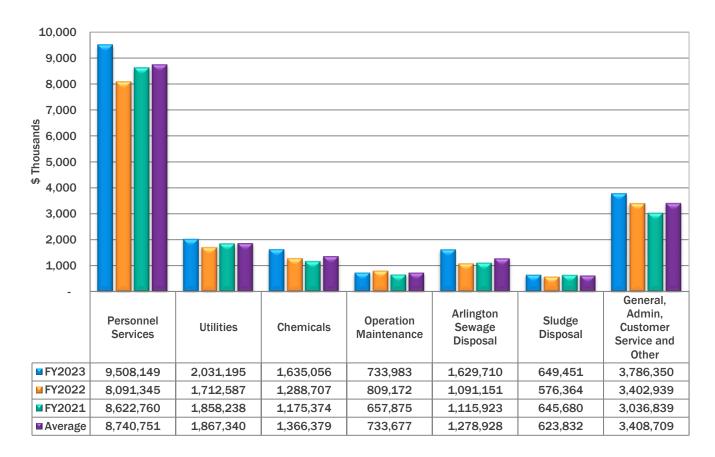
At eight (8) months into the fiscal year, the overall spend rate is 46.5% of the total budget.



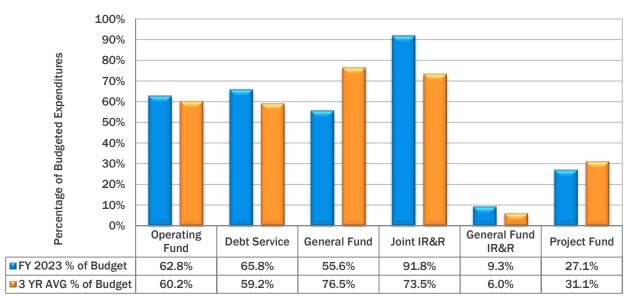
Expenses by Fund

ACTUAL VS. BUDGET						SPEND				
Through February 2023						RATE				
(\$ Millions)		FY 2023	FY	FYTD 2023 3 YR AVG FYTD 2023		FY 2023	3 YR AVG	Variance FY23		
Expenses (By Fund)		BUDGET	ļ	ACTUAL		ACTUAL	BUDGET	% of Budget	% of Budget	to 3 YR AVG
Operating Fund	\$	30.44	\$	19.12	\$	17.51	\$ 20.30	62.8%	60.2%	2.6%
Debt Service		14.74		9.69		8.44	9.83	65.8%	59.2%	6.6%
General Fund		69.28		38.54		22.95	46.19	55.6%	76.5%	-20.9%
Joint IR&R		10.33		9.48		5.30	6.89	91.8%	73.5%	18.3%
General Fund IR&R		0.69		0.06		0.02	0.46	9.3%	6.0%	3.3%
Project Fund		95.60		25.86		32.95	63.73	27.1%	31.1%	-4.0%
Total	\$	221.08	\$	102.76	\$	87.16	\$ 147.39	46.5%	46.6%	-0.2%

Annual Operating Expenses 3 Year Comparison



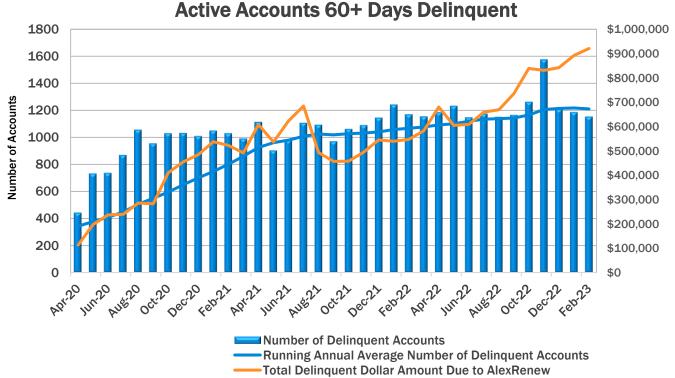




Expenditure Budget Comparison By Fund FY 23 vs. 3 Year Average

Delinguencies

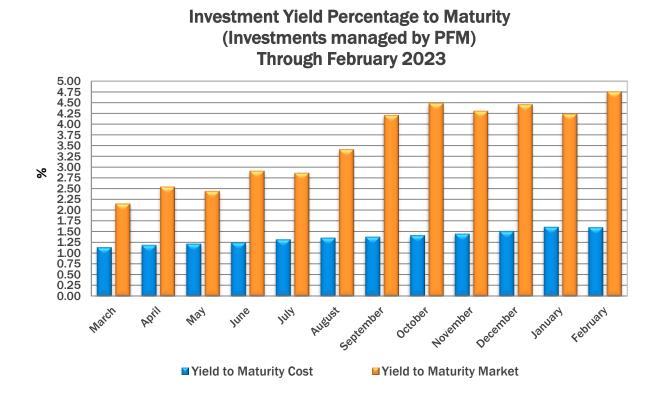
The number of accounts delinquent by more than 60 days was 1,152 in February, a decrease of 33 accounts month-over-month. The total dollar amount owed to AlexRenew from these accounts totaled \$921,220 at the end of February, an increase of \$28,911 from last month. AlexRenew continues to work with customers with unpaid bills to assist them in bringing their accounts current.





Investments

PFM Investment Advisors manages approximately \$21 million of AlexRenew's \$25 million investment portfolio. The following graph demonstrates current earnings on investments of approximately 1.59%; a level higher than general bank deposit earnings rates.



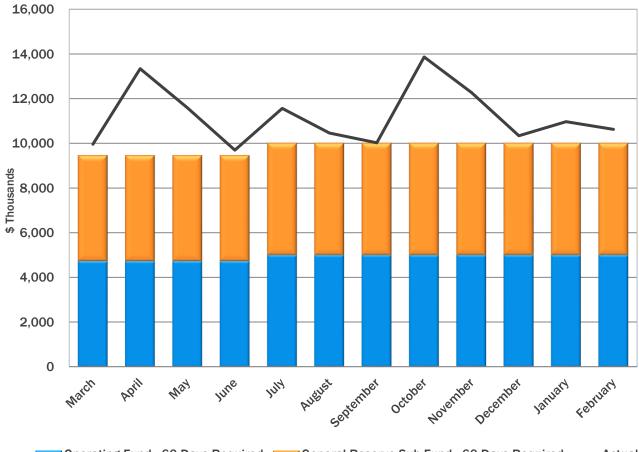
Cash Reserves

AlexRenew's Master Indenture of Trust requires that it maintain a balance on deposit in the Operating Fund equal to not less than 60 days of budgeted operating expenses. AlexRenew's Financial Policy requires a balance on deposit in the General Reserve sub-Fund, also equal to not less than 60 days of budgeted operating expenses. In total, these combined compliance conditions require AlexRenew to maintain at least 120 days cash on hand, and for FY23 this equals a minimum of \$10,008,654. The chart and graph below demonstrate that AlexRenew currently exceeds this requirement and is currently at 127 days cash on hand for these funds.

Monthly Financial Report



Board Policy 120 Days Cash Reserves	FY 2	023 Actual	Percentage of Goal
As of February 28, 2023			
Total Operating Cash	\$	2,748,065	
Total Certificates of Deposit (Cash Equivalent)	\$	2,872,064	
Total Operating Cash	\$	5,620,129	
Total General Reserve Sub-Fund Cash		5,004,327	
Total Operating and General Reserve Sub-Fund Cash		10,624,456	106%



Cash Reserve Policy

Operating Fund - 60 Days Required General Reserve Sub-Fund - 60 Days Required - Actual

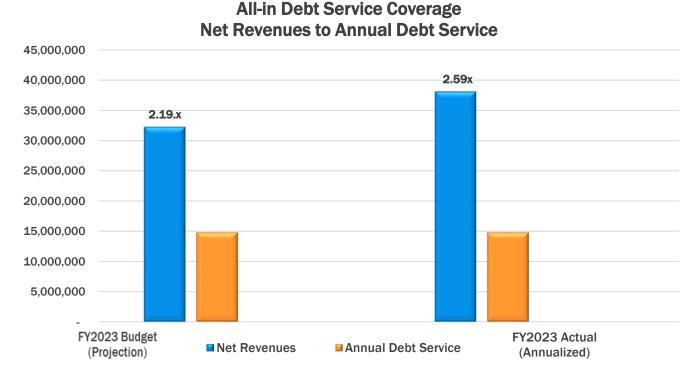


Debt Service Coverage

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

In both cases, AlexRenew currently exceeds its compliance standard as indicated below. The 2.19x designated in the graph below represents projected coverage for FY23 based on original FY23 budget expectations. At seven months into the fiscal year, annualized results would indicate coverage of 2.59x, ahead of the budgeted projection of 2.19x.

Financial Policy Compliance - All-In Debt Service Coverage	FY 2023 Actual	FY 2023 Budget
Gross Revenues Available for Debt Service Coverage:		
Wastewater Treatment Charges - Alexandria Ratepayers	54,351,615	50,922,485
Fairfax County Operating Expense Charge	11,694,706	11,694,706
Reimbursement from other systems	-	-
Investment Income	775,615	115,000
Less Restricted Investment Income	-	-
Total	66,821,936	62,732,191
LESS Operating Expenses	(28,680,311)	(30,442,988)
Net Revenues [a]	38,141,624	32,289,203
Annual Debt Service [b]	14,739,509	14,739,509
Calculated All-In Debt Coverage [a/b]	2.59x	2.19x
Financial Policy Target	≥ 1 .50x	≥ 1 .50x





Glossary:

Revenue Fund

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

The Operating Fund

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

Parity Debt Service Fund

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

Joint Improvement, Renewal & Replacement (IRR) Fund

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

Project Fund

The Project Fund records the cost of each joint use capital project included in the AlexRenew Capital Improvement Plans (CIP). The plans for current and future capital projects, both joint and City only, is summarized in a Ten-Year CIP. City use only CIP are accounted for within the General Fund.

General Fund

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

AlexRenew Board of Directors

Alexandria Homeowners and Civic Associations Matrix

Updated February 28, 2023

НОА	Contact	Meeting Info	Board Contact
Alexandria Federation of Civic Associations	Carter Flemming, Chair carterflemming@gmail.com	 Last Wednesday of the month 7:00 PM Hybrid 	Bill Dickinson
Del Ray Citizens Association	Tim Laderach president@delraycitizen.net	 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	Meet three times a year	Adrianna Caldarelli
Old Town Civic Association	Steve Milone, President stevemilone@yahoo.com or president@theoldtowncivicassociation.org	 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	None scheduled	John Hill