Regular Board of Directors Meeting & Public Hearing - March 2020

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INTERNAL MEMORANDUM

TO: Board of Directors of Alexandria Renew Enterprises
FROM: Secretary-Treasurer
DATE: Tuesday, March 10, 2020
SUBJECT: Regular Board of Directors Meeting

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

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

There are three items requiring Board action this month:

- Review and Approve a Resolution to Acquire Easements for the construction of the Hooffs Run Diversion Tunnel (Joint Use)
- Review and Approve a Contract Award for RFP 20-013 RiverRenew Tunnel System Resident Engineering and Inspection Services (Joint Use)
- Request for Board Participation on the Ellen Pickering Award Selection Committee (Alexandria Only)
## Agenda
Alexandria Renew Enterprises Board of Directors Meeting & Public Hearing

**Tuesday, March 17, 2020, 6:00 p.m.**
1800 Limerick Street, Ed Semonian Boardroom

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Presenter</th>
<th>Action Required</th>
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<tbody>
<tr>
<td>1.</td>
<td>Call Meeting to Order (6:00 p.m.)</td>
<td>Chairman</td>
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<td>2.</td>
<td>Approval of the Agenda (6:02 p.m.)</td>
<td>Chairman</td>
<td>Approval</td>
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<td>3.</td>
<td>Public Hearing to receive comments on Alexandria Renew Enterprises Easement Acquisitions (6:45 p.m.)</td>
<td>Chairman</td>
<td>Approval</td>
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<td>4.</td>
<td>Public Comment Period (Items other than comments) (6:50 p.m.)</td>
<td>Chairman</td>
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<td>5.</td>
<td>Consent Calendar (7:15 p.m.)</td>
<td>Chairman</td>
<td>Approval</td>
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<td>A. Approval of Minutes (Held February 18, 2020)</td>
<td>Chairman</td>
<td>Approval</td>
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<td>6.</td>
<td>Unfinished Business (7:17 p.m.)</td>
<td>Chairman</td>
<td>Approval</td>
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<td></td>
<td>A. None</td>
<td>Chairman</td>
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<td>7.</td>
<td>New Business (7:30 p.m.)</td>
<td>Chairman</td>
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<td>A. Review and Approve a Resolution to acquire easements for the construction of the Hooffs Run Diversion Tunnel</td>
<td>Chairman</td>
<td>Information</td>
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<td>B. Review and Approve a contract award for RFP 20-013 RiverRenew Tunnel System Resident Engineering and Inspection Services</td>
<td>Chairman</td>
<td>Information</td>
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<td></td>
<td>C. Request for Board Participation on the Ellen Pickering Award Selection Committee</td>
<td>Chairman</td>
<td>Information</td>
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<td>8.</td>
<td>Board Strategic Roundtable – Member &amp; Committee Reports (7:45 p.m.)</td>
<td>Chairman</td>
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<td>A. Council/Board CSO Workgroup (as needed)</td>
<td>Chairman</td>
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<td></td>
<td>i. CSO Workgroup Presentation (February 27, 2020)</td>
<td>Chairman</td>
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<td>B. General Member Updates</td>
<td>Chairman</td>
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<td>C. Community Meeting Updates – (as needed)</td>
<td>Chairman</td>
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<td>D. Chamber of Commerce update – (as needed)</td>
<td>Chairman</td>
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<td>E. Chesapeake Bay Citizens Advisory Group update - Mr. Dickinson (as needed)</td>
<td>Chairman</td>
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<td>F. Finance and Audit Committee update – Mr. Johnson</td>
<td>Chairman</td>
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<td>G. Governance Committee update – Mr. Beall</td>
<td>Chairman</td>
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<td>9.</td>
<td>Chief Executive Officer’s Reports and Recommendations (8:00 p.m.)</td>
<td>Ms. Pallansch</td>
<td>Accept</td>
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<td>A. Consideration of Monthly Financial Report (February)</td>
<td>Ms. McIntyre</td>
<td>Information</td>
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<td>B. CEO's Monthly Report (February)</td>
<td>Ms. Pallansch</td>
<td>Information</td>
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<td></td>
<td>i. Jurisdictional Flows to AlexRenew</td>
<td>Ms. Pallansch</td>
<td>Information</td>
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<td>ii. RiverRenew Dashboard</td>
<td>Ms. Pallansch</td>
<td>Information</td>
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<td>iii. HOA Meeting Calendar</td>
<td>Ms. Pallansch</td>
<td>Information</td>
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<td>10.</td>
<td>Adjourn (8:05 p.m.)</td>
<td>Chairman</td>
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**Times shown in parentheses are approximate and serve as guidelines**

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

**The next Board meeting is scheduled for Tuesday, April 21, 2020 @ 6:00 p.m.**
A Finance & Audit Committee is scheduled for May 11, 2020 @ 6:00 p.m.
Minutes of the 874th Meeting
“Celebrating Over 60 Years of Continuous Environmental Excellence”
Alexandria Renew Enterprises
6:00 p.m., Tuesday, February 18, 2020

On Tuesday, February 18, at 6:00 p.m., Alexandria Renew Enterprises held its regular Board of Directors meeting at Alexandria Renew Enterprises in the Ed Semonian Board Room at 1800 Limerick Street with the following present:

Members: Mr. John Hill, Chairman
Mr. William Dickinson, Secretary-Treasurer
Mr. Bruce Johnson, Member
Ms. Adriana Caldarelli, Member
Mr. James Beall, Member

Staff: Ms. Karen Pallansch, Chief Executive Officer
Ms. Liliana Maldonado, Deputy General Manager, Engineering & Planning
Mr. Brian Mosby, Deputy General Manager, Operations & Maintenance
Mr. Blake Hamilton, Director of Environmental Performance
Ms. Christine McIntyre, Director of Finance
Ms. Allison Deines, Senior Policy Analyst
Ms. Caitlin Feehan, Program Manager, RiverRenew
Ms. Lorna Huff, Secretary to the Board

Counsel: Mr. Jonathan Rak, McGuireWoods, LLP

Consultants: Mr. Justin Carl, Owner’s Advisor, Brown and Caldwell

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

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

Call to Order

The Chairman called the meeting to order at 6:01 p.m.

Approval of Agenda

The Chairman requested that members review the Agenda and inquired if there were changes. There being no changes, the Chairman requested a motion to approve the Agenda. Mr. Dickinson moved and Mr. Beall seconded. The Board unanimously approved.

Public Comment Period

There were no members of the public in attendance and wishing to speak. The Chairman closed the public comment period.
Special Election – Vice Chairperson

With Patti Turner’s resignation from the AlexRenew Board of Directors, the Chairman reported that a new Vice Chairperson was needed to fill the vacancy. The Chairman nominated Mr. Jim Beall. Board members concurred and the Chairman requested a motion to approve. Mr. Dickinson moved and Mr. Johnson provided the second. The Board unanimously approved Mr. Beall as the Vice Chairman. Members congratulated Mr. Beall on his election.

Consent Calendar

A. Review and Approve Minutes from the January 21, 2020 Board Meeting

Mr. Hill requested that members review the Minutes of the December 19 meeting and inquired if they had questions or comments.

Ms. Pallansch reported that a member of staff who attended the meeting was not listed on the original minutes. This has been corrected. Mr. Dickinson requested an amendment to the Minutes to correct the name to the Chesapeake Bay Citizens Advisory Group. He inserted language to clarify Maryland Governor, Larry Hogan and the Environmental Protection Agency (EPA) regarding enforcement of the Clean Water Act relative to Total Maximum Daily Loads (TMDLs).

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

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

New Business

A. Review and Approve a Resolution Authorizing and Approving a Line of Credit Financing

Discussion
AlexRenew funds its Capital Improvement Program (CIP) through a combination of PAYGO (cash on hand and reserves), contributions from Fairfax County based on their allocated share, and long-term debt instruments such as bonds issued through the Virginia Clean Water Revolving Loan Fund as well as state grant funds available for the Alexandria Only CIP assets. The purpose of the Line is to fund construction spending on an interim basis until the balance on the Line is repaid with grant and/or long-term debt proceeds. This Line is expected to be repaid through an issuance of Bonds through the Clean Water Revolving Loan Fund in the upcoming fiscal year. The Line would remain available through June 30, 2021 and could be used for potential, future cash flow needs, with funding and interest payments apportioned as per agreements to Joint or Alexandria Only assets. The Line would be structured as subordinate debt under AlexRenew’s Master Trust Indenture.

Members discussed the line of credit and financing of AlexRenew’s CIP. Questions included length of debt service, the impact of high and low estimates for RiverRenew on rates and noted that estimates on the cost of RiverRenew do not reflect potential grants.

There was no additional discussion and the Chairman requested a motion to approve the Resolution. Mr. Johnson moved and Mr. Dickinson provided the second, the Board unanimously approved.
Be It Resolved That: the Board adopts a resolution authorizing and approving a line of credit financing with Bank of America.

Unfinished Business

A. None

Board Strategic Roundtable – Member and Committee Reports

Finance and Audit Committee - Mr. Johnson
The Chairman moved to the Finance and Audit Committee Report where members discussed the Capital Funding Plan from the February 10 Finance and Audit Committee meeting and staff’s recommendation for proceeding with the Water Infrastructure Finance and Innovation Act (WIFIA) program. The maturity with the loan is 35 years and runs within AlexRenew’s financial policies.

Council/Board Workgroup – Mr. Hill
Ms. Pallansch reported that the next meeting of the Council Board Workgroup is scheduled for Thursday, February 27, at 5:00 p.m., at Alexandria Renew Enterprises. He encouraged members to attend if they are able.

Stakeholder Advisory Group (SAG) – Ms. Pallansch
Ms. Pallansch reported that SAG meetings have ended. This item will be removed from the Agenda. Ms. Pallansch is working with the City to provide the SAG with periodic updates on the RiverRenew program.

Mr. Hill inquired if any members had made contacts.

Alexandria Federation of Civic Associations – Mr. Dickinson
Mr. Dickinson reported that the Federation has not held a meeting as of yet. He will attend once they begin.

Chesapeake Bay Citizens Advisory Group – Mr. Dickinson
Mr. Dickinson reported that he attended a meeting of the Chesapeake Bay Citizens Advisory Group. He reported on other issues of concern including the Watershed Implementation Plans (WIPs) for New York and West Virginia.

He reported the following:

The Conowingo Dam is a Best Management Practices (BMP) dam that has reached maximum capacity. Large storms wash sediment into the Chesapeake Bay.

The Administration has not increased funds to the EPA budget for the Chesapeake Bay. Congress has restored some funding.

Mr. Dickinson further reported on a New York Times article discussing renegotiated consent decrees. Ms. Pallansch provided context for the federal vs. state rules for Combined Sewer Overflows (CSOs).

Chamber of Commerce – Ms. Pallansch
Meetings begin in March 2020.

Governance Committee
Nothing to report.
There were no additional questions or comments. The Chairman moved to the CEO’s Reports and Recommendations.

**CEO’s Reports and Recommendations**

A. **Consideration of January 2020 Financial Report**

The Board reviewed the monthly financial report. Ms. McIntyre reported that spend rates and the debt ratio will change as CIP projects progress. AlexRenew is currently behind on expenditures but these will catch up as well.

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

B. **CEO Monthly Report (January 2020)**

Ms. Pallansch noted her written report and inquired if members had questions or comments. Ms. Pallansch reported on money appropriated in the House, $25 million for fiscal years 20-21 and additional $40 million for fiscal years 21 and 22. With the Senate appropriating $55 million for fiscal years 20-21.

She reported that GCWW is updating its billing portal. The new portal will provide enhancements for AlexRenew customers. The portal will be operational by May 4. Between April 28 and May 4, the old portal will be unavailable to the public and customers’ account numbers will change. Customers who pay via check or online will need to use the new account number after May 4. GCWW will run old account numbers with the new numbers concurrently in the system for one year. Current auto pay customers will not need to make changes.

She reviewed AlexRenew’s communications plan and requested feedback from members. Mr. Johnson requested that the AlexRenew service area map be included in the new bills.

**RiverRenew Dashboard**

Ms. Pallansch reported that the RFP for the design-build went out on schedule. Negotiations will begin in March. Ms. Pallansch commended the team on their efforts. Mr. Beall inquired about the work with the National Park Service (NPS). Ms. Pallansch reported that AlexRenew had answered comments and currently working on a programmatic agreement.

Mr. Johnson inquired about the East Eisenhower Small Area Plan (EESAP). Mr. Rak reported that City Council approved the plan at the Saturday Public Hearing.

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

The meeting adjourned at 7:02 p.m.

APPROVED: ______________________________
Secretary-Treasurer
INTERNAL MEMORANDUM

TO: AlexRenew Board of Directors

FROM: Karen Pallansch, Chief Executive Officer
       Jonathan P. Rak, General Counsel

DATE: March 10, 2020

SUBJECT: Action Item – New Business
Review and Approve Acquisition of RiverRenew Easement for Hooffs Run Diversion Sewer

Issue:
AlexRenew requires certain sanitary sewer and temporary construction easements (the “Easements”), upon the properties identified as follows:

- Parcel owned by AVR Alexandria Old Town Hotel LLC (the “Owner”), identified as Tax Map No. 073.02-08-09, located at 1460 Duke Street (the “Property”).

Acquisition of the Easements is required for construction of the Hooffs Run Diversion Sewer portion of the RiverRenew Tunnel System Project. Negotiations with the Owner remain ongoing, but to ensure the RiverRenew Tunnel System Project can meet required deadlines, it is necessary for the Board of Directors to authorize the Chief Executive Officer to acquire the Easements, or in the event that negotiations are unsuccessful, to exercise AlexRenew’s authority to condemn the required easement pursuant to the Virginia Code.

Recommendation:
Staff respectfully recommends the Board adopt the attached resolution identifying the Easements as necessary for the construction of the RiverRenew Tunnel System Project, and authorizing the Chief Executive Officer to acquire, by purchase, condemnation, or other applicable means, any necessary temporary and permanent easement rights across the Property required to construct the Hooffs Run Diversion Sewer.

Discussion:
AlexRenew has previously reviewed and determined the Easements are required for the construction of the Hooffs Run Diversion Sewer for the RiverRenew Tunnel System Project. It is necessary for AlexRenew to acquire legal rights to use portions of the Property for construction purposes, either through negotiation of the acquisition of rights from the Owner, or absent agreement between the AlexRenew and the individual owners of the Property, through exercise of AlexRenew’s condemnation authority under the Virginia Code.
Throughout 2019, the RiverRenew team conducted outreach and public information sessions in an attempt to inform the Owner and other stake-holders about the potential impacts to their properties, and the critical nature of the RiverRenew Tunnel System Project. Concurrently, AlexRenew’s general counsel has coordinated activities with an independent title company to identify the owner of the Property and confirm that the Owner is possessed of sufficient authority to grant those easements requested. They have also coordinated efforts with an independent appraiser to evaluate and determine a value for each of the separate easements, as listed below:

- Temporary Construction Easements upon the Property valued at $466,000.00, and;
- Sanitary Sewer Easement upon the Property valued at $282,000.00.

Previously, on June 17, 2019, AlexRenew’s general counsel provided the Owner with a formal offer to acquire the Easements upon the Property, which at the time were valued at $598,303.00. Due to refinements in the dimensions of the Easements, as well as changes to the timelines for the required temporary construction easements, an updated appraisal values the Easements at $748,000.00. Negotiations with the Owner are ongoing.

Adoption of the attached resolution shall not impact the ability of AlexRenew and the Owner to further negotiate the particular terms of the acquisition of the Easements across the Property, nor does it restrict AlexRenew from exploring the viability of alternative placement of necessary facilities or construction areas. In the event that no negotiated terms can be agreed to by AlexRenew and the Owner, and provided the Easements are still deemed necessary, AlexRenew will be authorized to condemn the Easements upon the Owner’s Property pursuant to the requirements of the Virginia Code.

In the event condemnation is required, AlexRenew will provide notice to the Owner of its intention to file a Certificate of Quick Take for the Easements on the Property, at least thirty (30) days in advance of filing the Certificate with the Alexandria Circuit Court. Should no agreement between AlexRenew and the Owner occur within those thirty days, AlexRenew will then proceed to file the Certificate of Quick Take and post payment of the value of the Easements with the Court. AlexRenew will then have immediate access to the Easements for purposes of the RiverRenew Tunnel System Project.

Within 180 days of the filing of the Certificate, AlexRenew shall be required to file a Petition for Condemnation with the Alexandria Circuit Court, upon which the Owner may elect to dispute the value of condemnation and appropriate compensation in civil proceedings.

Congruence with AlexRenew Strategic Plan:
This action enables AlexRenew to materially advance progress on the RiverRenew Tunnel System Project.

Draft Motion:
I move that the Alexandria Renew Board of Directors adopt the resolution attached to the March 17, 2020 memorandum regarding the Hooffs Run Diversion Sewer.
**ACTION TAKEN:**

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RESOLUTION

APPROVING A PROPOSED PUBLIC USE AND AUTHORIZING AND DIRECTING THE ACQUISITION, BY CONDEMNATION OR OTHER MEANS, OF INTERESTS IN REAL PROPERTY IDENTIFIED AS PARCEL NO. 073.02-08-09 AS NECESSARY FOR SUCH PUBLIC USE

WHEREAS, the City of Alexandria, Virginia Sanitation Authority d/b/a Alexandria Renew Enterprises (“AlexRenew”) has undertaken to install and construct certain improvements and public facilities as part of the RiverRenew Plan (the “Project”); and

WHEREAS, the Board of Directors of AlexRenew has determined that the Project is a public use, necessary to further AlexRenew’s mandate to provide safe and sufficient sewer service to residents and businesses of the City of Alexandria; and

WHEREAS, the Board of Directors of AlexRenew has determined that the acquisition of permanent and temporary easements on that certain tract of real property Parcel No. 073.02-08-09 (the “Property”), owned by AVR Alexandria Old Town Hotel LLC, and located in the City of Alexandria, Virginia, which easements are more particularly depicted and described in the Plats attached to this Resolution, is necessary for the construction of the Project and should be acquired for the Project by condemnation or other means (the “Easements”); and

WHEREAS, AlexRenew and the owner of the Property have engaged in negotiations for AlexRenew to acquire the Easements by purchase, but as of the date of this Resolution, they have not reached agreement on all of the terms of a purchase of the Easements; and

WHEREAS, AlexRenew has the legal authority pursuant to § 15.2-5114(6) of the Code of Virginia (1950), as amended, to exercise the right of eminent domain and may condemn land and other property necessary to construct, reconstruct, improve, extend, operate and maintain any system or combination of systems used to provide sanitary sewer purposes, including by “quick take” condemnation pursuant to §§ 25.1-300 et seq. of the Code of Virginia (1950); and

WHEREAS, prior to initiating condemnation proceedings, AlexRenew conducted a public hearing pursuant to § 15.2-1903(B) of the Code of Virginia (1950), as amended; and

WHEREAS, pursuant to § 15.2-2204 of the Code of Virginia (1950), as amended, AlexRenew provided public notice in a newspaper of general circulation for two successive weeks, provided direct notice by certified mail to the Owners of the Properties, and held a public hearing on this matter at 1800 Limerick Street, Alexandria, Virginia 22314, at 6:00PM on March 17, 2020, at which all interested members of the public requesting to do so were permitted to speak; and
WHEREAS, at the public hearing, the Board of Directors of AlexRenew heard and considered comments from the public, if any, as well as information provided by AlexRenew staff; and

WHEREAS, the Board of Directors of AlexRenew has determined that its acquisition of the Easement as provided herein will comply with all applicable provisions of § 1-219.1 of the Code of Virginia (1950), as amended; and

WHEREAS, due to the deadlines imposed in conjunction with the Project, and that deadline imposed by applicable federal and state regulations, the initiation of condemnation proceedings utilizing “quick take” procedures is necessary pursuant to Va. Code §§ 15.2-5114(6), 25.1-200 *et seq.*, and 25.1-300 *et seq*.

NOW THEREFORE, IT IS, ON THIS 17th DAY OF MARCH, 2020, HEREBY RESOLVED,

that the Project is approved as a public use, necessary to further AlexRenew’s mandate to provide water and sanitary sewer service to residents of the City of Alexandria; and be it

FURTHER RESOLVED that acquisition of the Easements are necessary for the construction of the Project and that the Board of Directors of AlexRenew hereby directs that the Easements be acquired for the Project by condemnation or other means; and be it

FURTHER RESOLVED that AlexRenew’s acquisition of the Easements as provided herein will comply with all applicable provisions of § 1-219.1 of the Code of Virginia (1950), as amended, including that such acquisition: (i) will take no more property than is necessary for the Project; (ii) will serve only public interests which dominate any private gain; and (iii) is for the primary purpose of serving public interests and not any private financial gain, private benefit, an increase in tax base or revenues, or an increase in employment or economic development; and be it

FURTHER RESOLVED that the Property and Easements are more particularly described in the Plats attached to this Resolution and the owner of the Property is AVR Alexandria Old Town Hotel LLC, and be it

FURTHER RESOLVED that the Board of Directors of AlexRenew hereby authorizes staff to do all things necessary or appropriate on behalf of the Board, and with the advice of legal counsel, to acquire the Easements for public use, by condemnation (including “quick-take” procedures pursuant to §§ 25.1-300 *et seq.* of the Code of Virginia (1950), as amended), if necessary, all as in accordance with the discussion of the Board in closed meeting and with applicable law; and be it

FINALLY RESOLVED, that a copy of this Resolution with attachment be filed with the papers of this meeting.
The preceding Resolution was adopted on March 17, 2020, at a Regular Meeting of the Board of Directors of AlexRenew by a vote of _____ ayes and ____ nays.

__________________________________   _________________________________
Chairperson      Clerk of the Board

Dated: __________________________   Dated: __________________________
INTERNAL MEMORANDUM

TO: AlexRenew Board of Directors

FROM: Karen Pallansch, Chief Executive Officer

DATE: March 10, 2020

SUBJECT: Action Item – New Business, Joint Use Approval of Contract No. 20-013: Tunnel System Resident Engineering and Inspection Services

Issue:
AlexRenew requires a contract to provide Tunnel System Resident Engineering and Inspection (RE&I) Services to provide the construction oversight of the RiverRenew Tunnel System Project (Project).

Recommendation:
Staff respectfully recommends the Board authorize the Chief Executive Officer to award a professional services agreement to EPC Consultants, Inc. in the amount not to exceed $3,099,299 to provide Tunnel System RE&I services for the RiverRenew Tunnel System Project between March 31, 2020 and June 30, 2021, the first year of an initial three-year term for the contract. Budgets for the subsequent years will be determined annually, based on an agreed-upon scope of work. The contract contains an option to renew for an additional three-year term.

Budget and Funding:
Funding for this contract is included in the FY2020 and proposed FY2021 budgets. This contract will be funded from the RiverRenew Tunnel System Project budget. The contract will expire March 30, 2026 assuming the second three-year term is exercised.

Discussion:
AlexRenew released the Request for Proposals for the Project, which is being procured as a design-build, on February 11, 2020. AlexRenew will be working with the shortlisted design-build teams through a collaborative process ahead of technical and price proposal submittal. Notice-to-Proceed for the Project is expected in December 2020 following selection of a design-build team. RE&I services are necessary for participation in the collaborative process and over the life of the Tunnel System Project’s design-build contract.

On November 12, 2019, AlexRenew issued RFP-20-013. AlexRenew conducted the solicitation as a competitive negotiation in accordance with Virginia Code § 2.2-4302.2. AlexRenew received four (4) proposals and shortlisted three (3) respondents to interview. On February 11, 2020, the three shortlisted respondents provided a presentation and answered questions on their respective approaches. Each
respondent was evaluated on team organization and commitment, key personnel qualifications, related project experience, and design-build management approach. After proposal evaluations and discussions, EPC Consultants, Inc. was the highest ranked respondent for this solicitation.

**Congruence with AlexRenew Strategic Plan:**

This action enables our strategy of *Operational Excellence*.

**ACTION TAKEN:**

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INTERNAL MEMORANDUM

TO: Alexandria Renew Board of Directors
FROM: Karen Pallansch, Chief Executive Officer
DATE: March 10, 2020
SUBJECT: Action Item – New Business, Alexandria Only
Request for Board Member Participation on the Ellen Pickering Award Committee

Issue:
The AlexRenew Board of Directors has a representative on the annual selection committee to choose the 2020 recipient of the Ellen Pickering Award.

Recommendation:
Staff respectfully recommends that the Board decide upon a member to serve as AlexRenew’s representative on the Ellen Pickering Environmental Excellence Award Selection Committee, and notify the CEO of this year’s Board representative.

Budget and Funding: N/A

Discussion:
For the past eleven years, AlexRenew has partnered with the City of Alexandria Environmental Policy Commission to award the Ellen Pickering Environmental Excellence Award. This annual award program selects and formally recognizes outstanding citizens or groups who have demonstrated a commitment to protecting the natural environment and promoting environmental sustainability within the City of Alexandria. The award selection committee typically is made up of a member of Mrs. Pickering’s family, a member of the AlexRenew Board of Directors, a member of AlexRenew staff, and two members of the Environmental Policy Commission. Board members who have served on this committee recently include John Hill (2015-2017) and Patti Turner (2018, 2019).

The Ellen Pickering Environmental Excellence Award is named to honor Mrs. Pickering’s lifelong dedication to preservation and conservation in the City of Alexandria. Frances Ellen Pickering, a long-time City activist, first gained recognition for her lobbying efforts that, almost 50 years ago, helped to create the Mount Vernon Trail between Alexandria and Washington. An active preservationist and conservationist, she was deeply committed to preserving and enhancing the City's waterfront. She urged the adoption of the City’s Open Space Plan, lobbied to preserve Founder’s Park and protect it from high-rise development, and implemented the planting of 1,000 citizen-donated cherry trees during her tenure as chair of the Alexandria Beautification Commission.
Mrs. Pickering was elected to City Council as an independent, serving for one term between 1976 and 1979. She also served on numerous City boards and commissions, including the Alexandria Beautification Commission, the Alexandria Sanitation Authority, the Ad Hoc Committee on Potomac Yard, the Potomac Greens Task Force, and the Open Space Steering Committee. She also chaired the Northern Virginia Conservation Council for many years. She won two Salute to Women Awards from the City’s Commission on Women. She was also an active member of the League of Women Voters and the Alexandria chapter of the American Association of University Women.

Nominees for this award may be individual Alexandria citizens or an Alexandria-based group, club, organization, or corporate neighbor. The recipient(s) of the award will have a tree planted in their honor during Alexandria Earth Day 2020.

Timing: The award will be presented at the Alexandria Earth Day festival on Saturday, May 2, 2020, at Lenny Harris Memorial field near George Washington Middle School. Details of the schedule will be determined by the committee. The nomination deadline is on Friday, March 25, 2020. The award committee will score the nominations individually and meet (preferably via teleconference) to select an award recipient.

Nomination Criteria: Citizens nominated for the Ellen Pickering Environmental Excellence Award must be residents of the City of Alexandria. Groups, clubs, organizations, and corporations must operate within the City of Alexandria. The actions of the nominees must have a direct impact on the environment and natural resources within the City of Alexandria.

Applicable Selection Focus Areas: Potential topics applicable to the award criteria include:
- Natural resource preservation
- Energy conservation
- Education outreach regarding environmental sustainability
- Water conservation
- Waste reduction and/or materials reuse/recycling
- Promotion of clean air
- Climate Change Mitigation

Level of Committee Activity: Participants will be required to review applications and meet to discuss rankings. Estimated time commitment is four hours.

Congruence with AlexRenew Strategic Plan:
Supports the Board Outcome of Community Benefit through Public Engagement and Trust.

ACTION TAKEN:

APPROVED: _____  DISAPPROVED: _____
APPROVED WITH MODIFICATION: _____
MODIFICATIONS: ______________________

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

Alexandria’s Water Transformers
1. Welcome

2. Program Presentation (Update)
   a. Tunnel System Project Procurement
   b. Construction Activities at AlexRenew
   c. Program Cost
   d. Permitting and Third Party Coordination
   e. Stakeholder Outreach

3. Questions and Discussion

4. Upcoming Workgroup Meetings
   a. Next Meeting Date
Presentation Outline

• Tunnel System Project Procurement
• Construction Activities at AlexRenew
• Program Cost
• Permitting and Third Party Coordination
• Stakeholder Outreach
• Next Steps
Tunnel System Procurement
100% Request for Proposal Documents were Issued to the Shortlisted Design-Build Teams on February 11, 2020

Request For Qualifications

A
Industry Outreach
Nov 2018

B
Request for Qualifications
RFQ Issued Jun 7, 2019
SOQs Received Aug 20, 2019

C
Shortlist
Notification of Shortlisted Teams Oct 7, 2019

D
Issue Request for Proposal Documents
Feb 11, 2020

Request For Proposals

E
Proposal Period
Confidential Meetings Mar–Jun 2020
Technical and Sealed Price Proposals Due Aug 2020

F
Evaluation and Interviews
Formal Presentation and Interviews Oct 2020

G
Best Value Selection
Design-Build Contract Notice to Proceed Dec 2020

Shortlisted Design-Build Teams

- CLARK ATkinson
- Michels Atkinson
- COWI
- ARCADIS
- Kiewit
- McNally
- TRaylor
- Traylor Bros., Inc.
- J. F. Shea
- Jacobs
- Cormans
Proposed Meetings with Shortlisted Design-Build Teams throughout Step Two of the Procurement Process

<table>
<thead>
<tr>
<th>March 4</th>
<th>Week of March 30th</th>
<th>Week of May 11th</th>
<th>Week of June 15th</th>
<th>Week of June 22nd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kickoff Meeting</td>
<td>Confidential Meeting No. 1</td>
<td>Confidential Meeting No. 2</td>
<td>Terms &amp; Conditions Meeting</td>
<td>Confidential Meeting No. 3</td>
</tr>
</tbody>
</table>

- Non-confidential meeting with all teams to review Request for Proposal Documents
- Waterfront Tunnel
- Shafts and Diversion Facilities
- Baseline Reports
- Alternative Technical Concepts
- Other Topics
- Hooffs Run Interceptor
- Alternative Technical Concepts
- Previous Meeting Topics
- Other Topics
- Discuss contract terms and conditions with Shortlisted Design-Build Teams in a confidential setting
- Tunnel Dewatering and Wet Weather Pumping Station
- Maintenance of Plant Operations
- System Integration
- Alternative Technical Concepts
- Previous Meeting Topics
- Other Topics
Construction Activities at AlexRenew
RiverRenew Construction Projects at AlexRenew are on Schedule for March 2021 Completion

**108 to 116 MGD Upgrade**
- **Vendor:** ACE
- **Contract Amount:** $2,665,000
- **Construction Finish:** 12/19/2020

- Accomplished Contract Milestone #1 (first pump 7-day operational test)
- Prepared for second pump shutdown

<table>
<thead>
<tr>
<th>Percent Complete</th>
<th>Spent to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>$0.79M</td>
</tr>
<tr>
<td>75%</td>
<td>$1.87M</td>
</tr>
<tr>
<td>50%</td>
<td>Remaining</td>
</tr>
<tr>
<td>36%</td>
<td></td>
</tr>
</tbody>
</table>

**Building J Facilities Relocation and Decommissioning**
- **Vendor:** Clark Construction
- **Contract Amount:** $19,409,800
- **Construction Finish:** 4/7/2021

- Building G2 roof abatement and demo
- Building G1 mechanical, electrical and architectural demolition

<table>
<thead>
<tr>
<th>Percent Complete</th>
<th>Spent to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>$1.56M</td>
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<tr>
<td>75%</td>
<td>$17.85M</td>
</tr>
<tr>
<td>50%</td>
<td>Remaining</td>
</tr>
<tr>
<td>31%</td>
<td></td>
</tr>
</tbody>
</table>

**WRRF Site Security and Access**
- **Vendor:** Sorensen Gross Company
- **Contract Amount:** $1,527,000
- **Construction Finish:** 2/14/2020

- Installed reinforcing for West Gate wall
- South Gate milling and asphalt
- Guard booths delivered

<table>
<thead>
<tr>
<th>Percent Complete</th>
<th>Spent to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>$0.0M</td>
</tr>
<tr>
<td>75%</td>
<td>$1.52M</td>
</tr>
<tr>
<td>50%</td>
<td>Remaining</td>
</tr>
<tr>
<td>36%</td>
<td></td>
</tr>
</tbody>
</table>

**Progress Updates**
- **Process Air Compressor Blower Upgrades (non-RiverRenew)**
- **Percent Complete:** 50%
- **Spent to Date:** $0.0M
- **Remaining:** $1.56M
Program Cost
Evolution of RiverRenew Program Capital Cost Since Long Term Control Plan Update

<table>
<thead>
<tr>
<th>Project Definition</th>
<th>Upper Range of Capital Cost Estimate</th>
<th>Capital Cost Estimate</th>
<th>Points of Cost Certainty</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2%</td>
<td>$535M</td>
<td>$356M</td>
<td>June 2018: Long Term Control Plan Update</td>
</tr>
<tr>
<td>5%</td>
<td>$555M (+4%)</td>
<td>$370M (+4%)</td>
<td>October 2018: Preliminary Engineering Report</td>
</tr>
<tr>
<td>10%</td>
<td>$587M (+6%)</td>
<td>$457M (+24%)</td>
<td>April 2019: 30% Request for Proposal Documents</td>
</tr>
<tr>
<td>20-30%</td>
<td>$596M (+2%)</td>
<td>$464M (+2%)</td>
<td>September 2019: 60% Request for Proposal Documents</td>
</tr>
<tr>
<td>30%</td>
<td></td>
<td></td>
<td>Under Development</td>
</tr>
<tr>
<td>30%</td>
<td></td>
<td></td>
<td>To be Provided by Design-Builder</td>
</tr>
</tbody>
</table>

August 2019: $24M Awarded for Construction

September 2019: 60% Request for Proposal Documents

December 2020: Design-Build Contract Price Proposals and Commencement

Illustrated % change represents change between each capital cost estimate
Current RiverRenew Spending Plan based on the 60% RFP Documents

Current (12/2019) Planned Projection +30%
Original (11/2018) Planned Projection +50%
Current (12/2019) Planned Projection
Current (12/2019) Planned Projection - 20%
Original (11/2018) Planned Projection
Original (11/2018) Planned Projection - 30%

Total Program Spent to Date as of 12/31/19 ($35,135,413)
AlexRenew has Solicited Funds from a Variety of Sources to Fund RiverRenew and Minimize Rate Impacts

<table>
<thead>
<tr>
<th>Paygo</th>
<th>Virginia Clean Water Revolving Loan Fund</th>
<th>Water Infrastructure Finance and Innovation Act</th>
<th>Grant Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Pay as you go cash funding</td>
<td>• Approved loan of $315M in FY20 for Building J and Tunnel System projects</td>
<td>• Invited to apply for a loan of up to $189M</td>
<td>• $25 million in grant funding approved by Virginia General Assembly in April 2019</td>
</tr>
<tr>
<td>• 15% of the capital improvement program per year</td>
<td>• Can apply for additional capital each year</td>
<td>• Fund up to 49% of eligible costs associated with the Tunnel System Project</td>
<td>• Additional funding request of $65 million incorporated in Governor’s 2021 legislative package to the Virginia General Assembly</td>
</tr>
<tr>
<td></td>
<td>• Current commitment funds 51% of costs associated with Building J and Tunnel System projects: can fund 100% of projects</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
AlexRenew Identified Low Cost Funding Sources at an Early Phase of RiverRenew

<table>
<thead>
<tr>
<th>Source</th>
<th>PAYGO (Cash)</th>
<th>Virginia Clean Water Revolving Loan Fund (Subsidized)</th>
<th>Water Infrastructure Finance and Innovation Act (WIFIA)</th>
<th>VRA's Clean Water Revolving Loan Fund (Market-Rate)</th>
<th>VRA's Pooled Financing Program</th>
<th>AlexRenew Issued Revenue Bonds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td>Subject to financial results, reserve policy &amp; rates</td>
<td>TBD</td>
<td>Up to 49%</td>
<td>TBD</td>
<td>Up to 100%</td>
<td>Up to 100%</td>
</tr>
<tr>
<td>Transaction Costs</td>
<td>None</td>
<td>Very Low</td>
<td>High</td>
<td>Very Low</td>
<td>Medium</td>
<td>High</td>
</tr>
<tr>
<td>Ongoing Costs</td>
<td>None</td>
<td>Lowest (State &amp; Federally Subsidized)</td>
<td>Very Low (Federally Subsidized)</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Considerations</td>
<td>Pressure on rates, asset life, and intergenerational equity</td>
<td>Availability; federal contracting requirements; potential prepayment limitations</td>
<td>Availability; federal contracting requirements</td>
<td>Availability; federal contracting requirements; potential prepayment limitations</td>
<td>Prepayment limitations</td>
<td>Prepayment limitations</td>
</tr>
</tbody>
</table>

NOTE: Financing tools above are long-term tools. AlexRenew may also utilize interim financing tools.
Estimated Future Debt Service to Fund RiverRenew through VCWRLF and WIFIA

Maximum Annual Debt Service: $24,667,591
The Estimated Rate Impact of RiverRenew on the Monthly Bill is Anticipated to be Under $30

Monthly Residential Bill at 4,000 Gallons

<table>
<thead>
<tr>
<th></th>
<th>Adopted</th>
<th>Estimated Projections</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>$43.97</td>
<td>$58</td>
</tr>
<tr>
<td>2019</td>
<td>$45.81</td>
<td>$60</td>
</tr>
<tr>
<td>2020</td>
<td>$50.47</td>
<td>$61</td>
</tr>
<tr>
<td>2021</td>
<td>$55.17</td>
<td>$64</td>
</tr>
<tr>
<td>2022</td>
<td></td>
<td>$65</td>
</tr>
<tr>
<td>2023</td>
<td></td>
<td>$69</td>
</tr>
<tr>
<td>2024</td>
<td></td>
<td>$74</td>
</tr>
<tr>
<td>2025</td>
<td></td>
<td>$71</td>
</tr>
<tr>
<td>2026</td>
<td></td>
<td>$72</td>
</tr>
<tr>
<td>2027</td>
<td></td>
<td>$72</td>
</tr>
<tr>
<td>2028</td>
<td></td>
<td>$80</td>
</tr>
</tbody>
</table>

- **AlexRenew & City Charges - Current Estimate**
- **AlexRenew & City Charges - High Estimate**
Permitting & Third Party Coordination
## Major RiverRenew Permits and Easements Update

<table>
<thead>
<tr>
<th>Permit</th>
<th>Issuant</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSUP for Tunnel System</td>
<td>City of Alexandria</td>
<td>• Approved – July 9, 2019</td>
</tr>
<tr>
<td>DSUP for TDPS</td>
<td>City of Alexandria</td>
<td>• Approved – September 14, 2019</td>
</tr>
<tr>
<td>Floodplain Analysis/No-Rise Certification</td>
<td>City of Alexandria</td>
<td>• Approved – July 3, 2019</td>
</tr>
<tr>
<td>Environmental Assessment</td>
<td>NPS</td>
<td>• Virginia Department of Historic Resources (VDHR) commented on Programmatic Agreement – December 2019</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• NPS sent revised Programmatic Agreement to VDHR – February 4, 2020</td>
</tr>
<tr>
<td>Construction ROW Permits</td>
<td>NPS</td>
<td>• Open, approval expected May 2020</td>
</tr>
<tr>
<td>Clean Water Act Permits</td>
<td>USACE, VDEQ, VMRC</td>
<td>• Open, approval expected March 2020</td>
</tr>
<tr>
<td>Land Use Permit (tunnel crossing)</td>
<td>VDOT</td>
<td>• Approved – December 6, 2019</td>
</tr>
</tbody>
</table>

### Project Component

<table>
<thead>
<tr>
<th>Project Component</th>
<th>Owner</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waterfront Tunnel</td>
<td>• Boulevard Condominiums</td>
<td>• Negotiations complete pending closing documents (1)</td>
</tr>
<tr>
<td></td>
<td>• Private Homes (2 total)</td>
<td>• Negotiations ongoing (1)</td>
</tr>
<tr>
<td></td>
<td>• St. Mary’s Cemetery</td>
<td>• Negotiations ongoing (1)</td>
</tr>
<tr>
<td></td>
<td>• RTN East LLC</td>
<td>• Agreement executed</td>
</tr>
<tr>
<td>Hooffs Run Interceptor</td>
<td>• AVR Alexandria (Marriot)</td>
<td>• Negotiations ongoing</td>
</tr>
<tr>
<td></td>
<td>• Duke St. Square Association</td>
<td>• Negotiations complete pending closing documents (1)</td>
</tr>
<tr>
<td></td>
<td>• Presbyterian Cemetery</td>
<td>• Negotiations complete pending closing documents (1)</td>
</tr>
<tr>
<td>WRRF Staging</td>
<td>• Alder Branch</td>
<td>• Agreement executed</td>
</tr>
</tbody>
</table>

(1) AlexRenew Board authorized acquisition of easements and authorized condemnation, if necessary, on November 19, 2019.
Stakeholder Outreach
The Next RiverRenew Stakeholder Advisory Group will be Established through City Council to Support Construction

### Membership
8-member group committed to being active and engaged in the stakeholder process.

### Charge
- Monitor construction progress
- Communicate progress to the community by leveraging existing networks
- Identify concerns and receive input from the public
- Provide recommendations regarding mitigation of construction impacts

### Potential Member Groups

| Outfall 001 | North Old Town Independent Citizens’ Association  
| Tobacco Quay, Waterfront Residences or Rivergate |
|-------------|--------------------------------------------------|
| Outfall 002 | Old Town Civic Association  
| South Old Town |
| Outfalls 003/4 | Eisenhower Partnership  
| Carlyle community or Duke Street corridor |
| At-large | Resident with interest in RiverRenew  
| Resident with engineering or construction background |

### Timeframe
- **Term:** January 2021 – January 2022
- **Meetings:** Every other month
- **Term Period:** 1 year
RiverRenew Pop-ups are Growing Program Awareness in Alexandria

The January 21, 2020 Market Square Plaza Pop-up engaged over 50 people, including Councilwoman Amy Jackson

Upcoming Pop-ups:

- 2/28 Eisenhower Metro Station
- 3/23 African American Heritage Park
- 4/13 Market Square Plaza
- 5/22 Torpedo Factory
- 6/13 Waterfront Park
- 7/18 Fort Ward Park
- 8/21 Market Square Plaza
- 9/25 John Carlyle Square
- 10/22 Oronoco Bay Park
- 11/20 Jones Point Park
- 12/21 Market Square Plaza

Comments and Feedback from Workgroup?
Sto Len, AlexRenew’s Artist in Residence will Create a New Artwork Series Called RENEWAL that will use Alexandria’s Water as his Subject and Medium

- **RENEWAL** aims to enhance Alexandria’s relationship to local water by providing an opportunity for the public to engage with waterfront sites in new ways:
  - Outdoor Workshops focused on printmaking (suminagashi, gyotaku, cyanotype)
  - Performances
  - Live Streaming via Mobile Art Lab
  - Works on Water Radio
  - Water Walk
- Approved by Artist In Residence Task Force on February 5, 2020
- Presented at Alexandria Commission for the Arts on February 18, 2020
Next Steps
RiverRenew Next Steps:

• Begin Collaborative Process with Shortlisted Design-Build Teams
• Continue construction at AlexRenew
• Continue implementing community outreach campaigns
• Upcoming Council-Board Workgroup Dates:
  • April – June 2020
  • October – December 2020

Design-Build Contract Award

Comments and Feedback from Workgroup?
Month: February 2020

Overview

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

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

Revenues

- FY20 operating revenues total $37.4 million through the end of February with approximately $29.6 million in Wastewater Treatment Charge revenue and $7,769,097 collected from Fairfax County. Wastewater Treatment Charge revenue is approximately $3.7 million (14.23%) more compared to the same time period in FY19, and $445,918 (1.53%) above the Fiscal 2020 YTD budget.

- Our revenue performance is primarily driven by billed flows that may be impacted by seasonality and by the Virginia American Water meter reading process, which can vary month-to-month.

- The Fairfax County operating expense charge and IR&R contribution YTD are on budget respectively. Fairfax County capital outlay contributions are also in-line with capital expenditures.
Wastewater Treatment Fees
Fairfax County Wastewater Fees
Miscellaneous
Fairfax County Capital and IR&R Fees
City of Alexandria Project
Grant Revenues

<table>
<thead>
<tr>
<th></th>
<th>FY 2020</th>
<th>FY 2019</th>
<th>FY 2018</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wastewater Treatment Fees</td>
<td>29,677,918</td>
<td>25,981,222</td>
<td>26,974,140</td>
<td>27,544,427</td>
</tr>
<tr>
<td>Fairfax County Wastewater Fees</td>
<td>7,769,097</td>
<td>7,024,102</td>
<td>5,998,212</td>
<td>6,930,470</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>33,387</td>
<td>12,062</td>
<td>90,246</td>
<td>45,232</td>
</tr>
<tr>
<td>Fairfax County Capital and IR&amp;R Fees</td>
<td>7,619,449</td>
<td>6,732,222</td>
<td>4,578,558</td>
<td>6,310,076</td>
</tr>
<tr>
<td>City of Alexandria Project</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Grant Revenues</td>
<td>19,251,078</td>
<td>-</td>
<td>602,631</td>
<td>6,617,903</td>
</tr>
</tbody>
</table>

Revenue and Capital Contributions

Operating Fund Revenues
3 Year Comparison

<table>
<thead>
<tr>
<th></th>
<th>FY 2020</th>
<th>FY 2019</th>
<th>FY 2018</th>
<th>Average</th>
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<td>Miscellaneous</td>
<td>$33,387</td>
<td>$12,062</td>
<td>$90,246</td>
<td>$45,232</td>
</tr>
</tbody>
</table>
Expenses

FY20 operating and maintenance expenses are approximately 12% or $2.36 million under our year-to-date budget, representing a spend rate of 58.4%. An overall decrease in Operations and Maintenance costs and Utilities accounts primarily for this variance.

Capital outlay expenses are $20.2 million year-to-date, representing a spend rate of 47.6%.

At eight (8) months into our fiscal year, our overall spend rate is 60.1% of our total budget.

EXPENSES BY FUND

<table>
<thead>
<tr>
<th>Expenses (By Fund)</th>
<th>FY 2020 BUDGET</th>
<th>FYTD 2020 ACTUAL</th>
<th>3 YR AVG ACTUAL</th>
<th>FYTD 2020 BUDGET</th>
<th>FY 2020 % of Budget</th>
<th>3 YR AVG % of Budget</th>
<th>Variance FY20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Fund</td>
<td>$23.45</td>
<td>$16.60</td>
<td>$15.46</td>
<td>$18.97</td>
<td>58.4%</td>
<td>55.5%</td>
<td>2.8%</td>
</tr>
<tr>
<td>Debt Service</td>
<td>14.22</td>
<td>7.75</td>
<td>7.53</td>
<td>9.48</td>
<td>54.5%</td>
<td>51.3%</td>
<td>3.2%</td>
</tr>
<tr>
<td>General Fund</td>
<td>1.76</td>
<td>8.06</td>
<td>3.03</td>
<td>1.17</td>
<td>458.0%</td>
<td>76.1%</td>
<td>382.0%</td>
</tr>
<tr>
<td>Joint IR &amp; R</td>
<td>4.32</td>
<td>2.20</td>
<td>1.74</td>
<td>2.88</td>
<td>51.0%</td>
<td>37.5%</td>
<td>13.5%</td>
</tr>
<tr>
<td>General Fund IR&amp;R</td>
<td>0.07</td>
<td>-</td>
<td>0.01</td>
<td>0.05</td>
<td>0.0%</td>
<td>2.1%</td>
<td>-2.1%</td>
</tr>
<tr>
<td>Project Fund</td>
<td>42.44</td>
<td>20.20</td>
<td>12.20</td>
<td>28.29</td>
<td>47.6%</td>
<td>40.1%</td>
<td>7.5%</td>
</tr>
<tr>
<td>Total</td>
<td>$91.26</td>
<td>$54.82</td>
<td>$39.98</td>
<td>$60.84</td>
<td>60.1%</td>
<td>48.8%</td>
<td>11.3%</td>
</tr>
</tbody>
</table>

Total Operating Expenses

<table>
<thead>
<tr>
<th></th>
<th>FY2020</th>
<th>FY2019</th>
<th>FY2018</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personnel Services</td>
<td>8,355,271</td>
<td>5,921,545</td>
<td>8,029,968</td>
<td>7,435,595</td>
</tr>
<tr>
<td>Utilities</td>
<td>1,987,885</td>
<td>2,107,910</td>
<td>1,949,643</td>
<td>2,015,146</td>
</tr>
<tr>
<td>Chemicals</td>
<td>1,144,207</td>
<td>1,105,199</td>
<td>636,410</td>
<td>961,939</td>
</tr>
<tr>
<td>Operation Maintenance</td>
<td>822,439</td>
<td>1,242,118</td>
<td>689,522</td>
<td>918,026</td>
</tr>
<tr>
<td>Arlington Sewage</td>
<td>849,401</td>
<td>985,886</td>
<td>392,159</td>
<td>742,482</td>
</tr>
<tr>
<td>Sludge Disposal</td>
<td>559,605</td>
<td>578,372</td>
<td>593,134</td>
<td>577,037</td>
</tr>
<tr>
<td>General, Administrative</td>
<td>3,057,994</td>
<td>2,155,287</td>
<td>2,755,062</td>
<td>2,656,114</td>
</tr>
</tbody>
</table>

Page 43 of 69
* Increase in General Fund expenditures due to Alexandria-only RiverRenew easement payment

**Investments**

PFM Investment Advisors manages approximately $21 million of AlexRenew’s $27.5 million investment portfolio. The following graph demonstrates current earnings on investments of approximately 2.05%; a level significantly higher than general bank deposit earnings rates.
**Cash Reserves**

Our Indenture requires that we maintain a balance on deposit in our Operating Fund equal to not less than 60 days of budgeted operating expenses. AlexRenew Financial Policy requires a balance on deposit in our General Reserve sub-Fund also equal to not less than 60 days of budgeted operating expenses. In total, these combined compliance conditions require AlexRenew to maintain at least 120 days cash on hand, and for FY20 this equals a minimum of $9,484,522. The chart and graph below demonstrate that AlexRenew currently exceeds this requirement.

![Investment Yield Percentage to Maturity](chart)

- **Board Policy 120 Days Operating General fund Cash Reserve**

<table>
<thead>
<tr>
<th>As of February, 2020</th>
<th>FY 2020 Actual</th>
<th>Percentage of Goal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Operating Cash</td>
<td>$ 3,865,892</td>
<td></td>
</tr>
<tr>
<td>Total Certificates of Deposit (Cash Equivalent)</td>
<td>$ 2,835,192</td>
<td></td>
</tr>
<tr>
<td>Total Operating Cash</td>
<td>$ 6,705,084</td>
<td></td>
</tr>
<tr>
<td>Total General Reserve Sub-Fund Cash</td>
<td></td>
<td>$ 4,742,261</td>
</tr>
<tr>
<td>Total Operating and General Reserve Sub-Fund Cash</td>
<td>$ 11,447,345</td>
<td>121%</td>
</tr>
</tbody>
</table>
Debt Service Coverage

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

In both cases, AlexRenew currently exceeds its compliance standard as indicated in the graph below. The 2.45x designated in the graph below represents projected coverage for FY20 based on actual results to date. We also note our anticipated coverage of 1.91x based on original FY20 budget expectations. As a result; we are well ahead of our budgeted projection, as well as our minimum policy level.
Glossary:

**Revenue Fund**

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

**The Operating Fund**

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

**Parity Debt Service Fund**

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

**Joint Improvement, Renewal & Replacement (IRR) Fund**

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

**Project Fund**

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

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

**General Fund**

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

In February, we kicked off two new projects with students from local universities to help us develop potential solutions to real-world challenges. The first project is with Howard University students who will be creating a design for the new North Potomac pump station. This design will be submitted to WEF’s prestigious Student Design Competition, a yearly contest that recognizes student achievement in innovative design. While AlexRenew may not use the entire design, we look forward to the fresh perspective that this group of young people will bring.

In addition, staff is also working with a group of policy students from American University on a survey of successful non-dispersible wipes reduction programs. These students will be developing a database of wipes reduction programs in the U.S. and policy recommendations to help inform future work at AlexRenew.

We value these partnerships with our local universities. For a small investment of our time, student-lead research can help inspire innovative solutions at AlexRenew and support the next generation of water professionals.

On February 10, the Finance and Audit Committee met to review debt financing for the RiverRenew program.
On February 27, a Council/Board Workgroup meeting was held at AlexRenew.

**Operational Excellence**

Precipitation for February at the Reagan National Airport was 3.21 inches, which is above the Washington, D.C. historical average precipitation of 2.62 inches for the month. There were no overflows in the collection system or at the plant during the month.

Biosolids production for February was 1,955 wet tons, all of which was beneficially reused through land application in the Virginia counties of King George, King William, Westmoreland, and King and Queen. The biosolids were land applied as Class B biosolids.

AlexRenew met all Virginia Pollutant Discharge Elimination System (VPDES) effluent parameters for February 2020.

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Daily Average Flow</th>
<th>Carbonaceous</th>
<th>Total Suspended</th>
<th>Ammonia (as N)</th>
<th>Dissolved Oxygen</th>
<th>Total Nitrogen¹</th>
<th>Total Nitrogen LOAD (YTD) lb</th>
<th>Total Phosphorus (Monthly Average) lb</th>
<th>Total Phosphorus LOAD (YTD) lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permit</td>
<td>54.0</td>
<td>5.0</td>
<td>6.0</td>
<td>Seasonal²</td>
<td>6.0</td>
<td>3.0</td>
<td>493,381</td>
<td>0.18</td>
<td>29,603</td>
</tr>
<tr>
<td>Reported</td>
<td>41.9</td>
<td>&lt;QL</td>
<td>2.4</td>
<td>1.54</td>
<td>9.1</td>
<td>4.0</td>
<td>78,555</td>
<td>0.13</td>
<td>2,225</td>
</tr>
</tbody>
</table>

**NOTES**

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

**Public Engagement and Trust**

**Tours and Events**

In February, the Environmental Center welcomed 964 visitors affiliated with nine different organizations. We also participated in six events that reached more than 500 adults and young people in the community.

**Customer Service**

Customer Service received 2,356 calls in February, with 48% of callers opting for self-service. Average call answer time was 16 seconds. Call Center staff also answered 154 customer emails.

**Social Media and Website**

Seventy percent of people who engaged with us on Facebook during February were from the City of Alexandria; the majority (67%) were women. We had 1,200 active, organic engagements on Facebook as evidenced by likes, comments, and shares (the industry average is 232). We have 3,447 Facebook Fans.
AlexRenew had 1,195 organic engagements on Twitter, 279 on LinkedIn, and 85 on Instagram. We have 3,472 followers on Twitter, 2,116 on LinkedIn (6 new followers), and 189 Instagram followers. Our website had 9,634 visitors and 30,920 page views during February. We had 112 visitors click through to our website from social media. The RiverRenew website had 663 visitors and 1,602 page views during January.

Watershed Stewardship

In February, I attended the National Association of Clean Water Agencies (NACWA) Winter Meeting.

RiverRenew

On March 4, the RiverRenew Program hosted the three shortlisted Design-Build teams to kick-off the Collaborative Process for the Tunnel System Project. The Collaborative Process will last from March to June and includes a series of confidential meetings with each design-build team to talk through the technical approaches to constructing tunnel system.

As part of the ongoing Pop-up Campaign for RiverRenew, on February 28, the RiverRenew team held a pop-up event at the Eisenhower Avenue Metro Station. March’s pop-up event is scheduled for March 23 in the Hooffs Run Park and Greenway to the east of Commonwealth Ave.

Adaptive Culture

From April 30, 2018, we have logged 288,472.6 hours without a lost time accident.

Thank you for your ongoing dedicated service to AlexRenew.

Regards,

Karen Pallansch
Chief Executive Officer
AlexRenew Construction Projects Progress At-a-Glance

**Process Air Compressor (PAC) Facilities Upgrade**
- Vendor: ACE
- Contract Amount: $14,430,000
- Construction Finish: 2/24/2021
- Demolished w3 and ALP piping inside BRB 2
- Excavated and installed electrical Ductbank
- Installed anchors for SS Beams in BRB underneath blower building
  - Percent Complete: 100%
  - Spent to Date: $2.94M
  - Remaining: $11.49M

**Fiber Optic Backbone Replacement**
- Vendor: Global Com
- Contract Amount: $1,469,643
- Construction Finish Date: 11/30/2020
- 95% Design of new FOB Network Complete
- Construction started 3/5/2020 in the Fiber Optic Entry Room and Environmental Data Center
  - Percent Complete: 100%
  - Spent to Date: $0M
  - Remaining: $1.47M

**HMI Replacement**
- Vendor: E-Merge
- Contract Amount: $3,000,000
- Construction Finish Date: 5/31/2021
- PLC 12 Complete
- PLCs 11, 52, & 51 in progress
  - Percent Complete: 100%
  - Spent to Date: $0.33M
  - Remaining: $2.67M

**PLC Upgrades**
- Vendor: Jacobs
- Contract Amount: $380,525
- Construction Finish Date: 11/30/2020
- Kickoff Meeting for PLC Upgrades complete
  - Percent Complete: 100%
  - Spent to Date: $0M
  - Remaining: $0.38M

Legend:
- Building J Facilities Relocation and Decommissioning (RiverRenew)
- 108 to 116 MGD Expansion (RiverRenew)
- WRRF Site Security and Access (RiverRenew)
## Program Schedule

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>108 to 116 MGD Expansion</td>
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<tr>
<td>Primary Effluent Pumps Pull-Out Assemblies</td>
<td>Fabric</td>
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<td>Construction</td>
<td>Constr</td>
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<td>Decommissioning</td>
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<tr>
<td>MCCs</td>
<td>Fabric</td>
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<td>Laboratory Casework</td>
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<tr>
<td>Chillers &amp; Air Handling Units</td>
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<td></td>
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</tr>
<tr>
<td>Heat Exchangers</td>
<td>Fabric</td>
<td></td>
<td></td>
<td>100.0</td>
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</tr>
<tr>
<td>Construction</td>
<td>Constr</td>
<td></td>
<td></td>
<td>36.0</td>
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<td></td>
</tr>
<tr>
<td>WRFF Site Security and Access</td>
<td>Constr</td>
<td>*</td>
<td></td>
<td>70.0</td>
<td></td>
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</tr>
</tbody>
</table>

Legend:
- Planning
- Design
- Procurement
- Construction / Fabrication
- Target Date for Board Review/Approval
- Caution
- Behind Schedule/Over Budget
- Present Quarter
- Actual Forecasted Completion Date

Legend:
- RFQ = Request for Qualification
- RFP = Request for Proposal

**Schedule delay does not affect the RiverRenew Critical Path.**

### Summary of Upcoming Activities

<table>
<thead>
<tr>
<th>Date</th>
<th>Upcoming Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/23/2020</td>
<td>Hooffs Run Pop-Up</td>
</tr>
<tr>
<td>3/30/2020</td>
<td>Tunnel System Project Confidential Meeting No.1 (1 day per Shortlisted Team during this week)</td>
</tr>
</tbody>
</table>

February 29, 2020
## Contract Award Status

<table>
<thead>
<tr>
<th>Contract</th>
<th>Contract No.:</th>
<th>Date of Contract Award:</th>
<th>Vendor:</th>
<th>Contract Amount:</th>
<th>Notice to Proceed:</th>
<th>Construction / Services Start Date:</th>
<th>Construction / Services Finish Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wastewater Services Resident Engineering &amp; Inspection&lt;sup&gt;1&lt;/sup&gt;</td>
<td>19-031</td>
<td>6/11/2019</td>
<td>Hazen and Sawyer, P.C.</td>
<td>$522,120</td>
<td>N/A</td>
<td>7/2/2019</td>
<td>6/30/2024</td>
</tr>
<tr>
<td>Engineering Services During Construction (ESDC)&lt;sup&gt;2&lt;/sup&gt;</td>
<td>14-017-2</td>
<td>7/11/2019</td>
<td>CH2M Hill Engineers, Inc</td>
<td>$280,320</td>
<td>N/A</td>
<td>7/12/2019</td>
<td>11/30/2020</td>
</tr>
<tr>
<td>Engineering Services During Construction (ESDC)&lt;sup&gt;2&lt;/sup&gt;</td>
<td>18-006</td>
<td>6/11/2019</td>
<td>CH2M Hill Engineers, Inc</td>
<td>$885,963</td>
<td>N/A</td>
<td>7/1/2019</td>
<td>3/30/2021</td>
</tr>
<tr>
<td>Wastewater Services Resident Engineering &amp; Inspection&lt;sup&gt;3&lt;/sup&gt;</td>
<td>19-031</td>
<td>6/11/2019</td>
<td>Hazen and Sawyer, P.C.</td>
<td>$994,924</td>
<td>N/A</td>
<td>7/2/2019</td>
<td>6/30/2024</td>
</tr>
<tr>
<td><strong>Tunnel System</strong></td>
<td>17-022</td>
<td>6/18/2019</td>
<td>Brown &amp; Caldwell</td>
<td>$16,968,912&lt;sup&gt;8&lt;/sup&gt;</td>
<td>N/A</td>
<td>7/1/2019</td>
<td>6/30/2020</td>
</tr>
<tr>
<td>RiverRenew Owner’s Advisor (OA) Scope of Services and Budget for Amendment No. 3</td>
<td>19-031</td>
<td>6/11/2019</td>
<td>Hazen and Sawyer, P.C.</td>
<td>$346,024</td>
<td>N/A</td>
<td>7/2/2019</td>
<td>6/30/2024</td>
</tr>
<tr>
<td>Wastewater Services Resident Engineering and Inspection&lt;sup&gt;3&lt;/sup&gt; (Programmatic)</td>
<td>19-031</td>
<td>6/11/2019</td>
<td>Hazen and Sawyer, P.C.</td>
<td>$261,060</td>
<td>N/A</td>
<td>7/2/2019</td>
<td>6/30/2024</td>
</tr>
<tr>
<td>Wastewater Services Resident Engineering &amp; Inspection&lt;sup&gt;3&lt;/sup&gt; (WRRF Site Security and Access)</td>
<td>19-031</td>
<td>6/11/2019</td>
<td>Hazen and Sawyer, P.C.</td>
<td>$261,060</td>
<td>N/A</td>
<td>7/2/2019</td>
<td>6/30/2024</td>
</tr>
</tbody>
</table>

Total $44,276,479

---

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

<sup>2</sup> Engineering Services During Construction (ESDC) amounts reported are through FY2020.

<sup>3</sup> Original contract award was for $594,111. Remaining contract value of $706,434 assigned to Contract 19-072 as of September 6, 2019.

<sup>4</sup> Original contract award was for $280,453. Remaining contract value of $238,385.02 assigned to Contract 19-064 as of October 31, 2019.

<sup>5</sup> Original contract award was for $432,307. Remaining contract value of $367,461 assigned to Contract 19-064 as of November 12, 2019.

<sup>6</sup> Original contract award was for $55,757. Remaining contract value of $44,121 assigned to Contract 19-064 as of November 15, 2019.

<sup>7</sup> Original contract award was for $435,522. Remaining contract value of $370,194 assigned to Contract 19-064 as of December 19, 2019.

<sup>8</sup> Fiscal Year 2020 Budget.
RiverRenew Construction Projects Progress At-a-Glance

**108 to 116 MGD Upgrade**

- **Vendor:** ACE
- **Contract Amount:** $2,665,000
- **Construction Finish:** 12/19/2020

- PEP #2 Shutdown 80% complete
- Coordination meeting in preparation for filter backwash recycle upgrades

**Building J Facilities Relocation and Decommissioning**

- **Vendor:** Clark Construction
- **Contract Amount:** $19,409,800
- **Construction Finish Date:** 4/8/2021

- G2 Laboratory and Locker Room lighting and framing in place
- Installed steel beams in Building G2 Roof

**WRRF Site Security and Access**

- **Vendor:** Sorensen Gross Company
- **Contract Amount:** $1,527,000
- **Construction Finish Date:** 4/30/2020

- North, South, and West guard booths set on their corresponding pads
- Finalized North, South, and East Motorized gates

**Percent Complete**

- 100%
- 43%
- 36%
- 70%
- 100%
- 43%
- 36%
- 70%
- 100%

**Spent to Date**

- $0.79M
- $1.87M
- $0.79M
- $1.56M
- $0.0M
- $1.52M
- $0.0M
RiverRenew Board of Directors Dashboard // Month Ending: February 29, 2020

Project to Date Cost by Phase

RiverRenew Spent to Date by Locality

Legend:
- Planning
- Design
- Procurement
- ROW / Easement / LGL / Land Acq / CPMTs
- Construction

Legend:
- Alexandria (1 Vendor)
- Northern Virginia (8 Vendors)
- Other Virginia (6 Vendors)
- Maryland (4 Vendor)
- Washington, D.C. (2 Vendors)
- Non-Local (13 Vendors)

Total Program Spent to Date = $36,608,959

RiverRenew Cashflow Analysis

Current (1/2020)
- Planned Projection +30%

Original (11/2018)
- Planned Projection +50%

Current (1/2020)
- Planned Projection Current (1/2020)
- Planned Projection -20%

Original (11/2018)
- Planned Projection

Original (11/2018) Planned Projection -30%

Total Program Spent to Date as of 1/31/20 ($36,608,959)
Summary of Accomplished Milestones

<table>
<thead>
<tr>
<th>Date</th>
<th>Accomplished Milestones</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/11/2020</td>
<td>Issued Request for Proposal (RFP) for RiverRenew Tunnel System Project</td>
</tr>
<tr>
<td>2/27/2020</td>
<td>Council-Board Workgroup Meeting</td>
</tr>
</tbody>
</table>

Tunnel System Contract Permit Status and Descriptions

<table>
<thead>
<tr>
<th>Permit/Activity</th>
<th>Anticipated Date of Completion</th>
<th>Status:</th>
<th>Description:</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Park Service (NPS) Special Use Permits (SUP)</td>
<td></td>
<td>Completed</td>
<td>Required for Phase B geotechnical investigations within Jones Point Park and Potomac River</td>
</tr>
<tr>
<td>U.S. Army Corps of Engineers (USACE) Nationwide Permit (NWP) #6</td>
<td></td>
<td>Completed</td>
<td>Required for Phase B geotechnical investigations within Potomac River and/or wetlands</td>
</tr>
<tr>
<td>Virginia Department of Transportation (VDOT) Land Use Permits (LUP)</td>
<td></td>
<td>Completed</td>
<td>Required for deep tunnel crossing under, and geotechnical investigations within VDOT limited access right-of-way</td>
</tr>
<tr>
<td>City of Alexandria Development Special Use Permit (DSUP) Tunnel System (DSUP No. 2018-0020)</td>
<td></td>
<td>Completed</td>
<td>Required for the approval of RiverRenew’s tunnel system and diversion facilities</td>
</tr>
<tr>
<td>City of Alexandria Development Special Use Permit (DSUP) Tunnel Dewatering Pumping Station (DSUP No. 2019-0013)</td>
<td></td>
<td>Completed</td>
<td>Required for the approval of the new Tunnel Dewatering Pumping Station and associated superstructure</td>
</tr>
<tr>
<td>Environmental Assessment (EA)</td>
<td>March 2020</td>
<td>EA was issued on 6/19/2019. Public Comment period ended 7/19/2019. NPS concurred with draft FONSI and will issue Decision Document upon execution of Programmatic Agreement (PA). PA is in final review</td>
<td>Required to comply with the National Environmental Policy Act (NEPA) as RiverRenew will need NPS permits. Prepared in coordination with the NPS as the lead federal agency</td>
</tr>
<tr>
<td>Joint Permit Application</td>
<td>March 2020</td>
<td>Submitted permit application on 9/12/2019 Application review and interagency coordination ongoing</td>
<td>Required application for Clean Water Act permits. A single application is sent to USACE, Virginia Department of Environmental Quality (VDEQ) and Virginia Marine Resources Commission (VMRC) to request authorization for all RiverRenew wetland/stream impacts</td>
</tr>
<tr>
<td>NPS Construction/Right-of-Way Permits</td>
<td>June 2020</td>
<td>Submitted permit application for work within Jones Point Park on 11/26/2019 Submitted permit application for work within Potomac River bed on 12/16/2019 Application review and interagency coordination ongoing</td>
<td>Required for diversion facility construction within, and deep tunnel crossing under Jones Point Park. Also required for Outfall 001 extension and deep tunnel crossing under Potomac River bed</td>
</tr>
<tr>
<td>Flood Emergency Management Agency (FEMA) Letter of Map Revision (LOMR)</td>
<td>N/A</td>
<td>City determined the Tunnel System project has no significant impact on floodplain</td>
<td>No LOMR required from FEMA</td>
</tr>
<tr>
<td>U.S. Army Corps of Engineers (USACE) Nationwide Permit (NWP) #18</td>
<td></td>
<td>Completed</td>
<td>NWP #18 received 6/10/2019</td>
</tr>
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</table>
## RiverRenew Accomplishments *

### Third Party Coordination

<table>
<thead>
<tr>
<th>Permits</th>
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</thead>
<tbody>
<tr>
<td>Underway</td>
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<tr>
<td>Easements</td>
<td>Executed</td>
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<tr>
<td>Underway</td>
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<td></td>
</tr>
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</table>

### Planning & Design

<table>
<thead>
<tr>
<th>Long Term Control Plan Update</th>
<th>Approved June 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ownership of Outfalls Transferred</td>
<td>June 2018</td>
</tr>
<tr>
<td>Preliminary Engineering Report</td>
<td>Finalized March 2019</td>
</tr>
<tr>
<td>Tunnel DSUP</td>
<td>Approved July 2019</td>
</tr>
<tr>
<td>Tunnel System Bidding Documents</td>
<td>RFP at 60% Completed September 2019</td>
</tr>
<tr>
<td>Soil Borings Completed</td>
<td>77</td>
</tr>
</tbody>
</table>

### Community Engagement

| Events Hosted | 42 |
| Community Presentations | 48 |

### Construction

| $27M Awarded for Construction |

---

*Since January 2018*
### Program Breakdown Summary by Project

#### 108 to 116 MGD Expansion
- Upgrade front-end capacity of the plant from 108 to 116 mgd
  - Upgrade of the primary effluent pumps
  - Modifications to the filter effluent backwash

#### Building J Facilities Relocation and Decommissioning
- Building J relocation of building uses and demolition
  - Relocation of WRRF lab, WRRF electrical equipment, and WRRF chillers
  - Construction of a new lab
  - Disconnection and relocation of building utilities
  - Demolition of Building J and hauling of materials off-site
  - Building G/2 roof replacement

#### Tunnel System
- Waterfront Tunnel
  - Storage and conveyance tunnel to control overflows from Outfalls 001 and 002
    - Installation of a 12-ft inside diameter reinforced concrete tunnel
    - Construction of four shafts ranging from 35 to 65 feet inside diameter, two diversion chambers, and one overflow structure
    - Installation of two below-grade ventilation control vaults

- Hooffs Run Interceptor
  - Diversion sewer to control overflows from Outfalls 003 and 004
    - Installation of an open-cut diversion sewer with an inside diameter of 6-ft which will replace a portion of the existing Commonwealth Interceptor
    - Construction of one diversion chamber
    - Relocation of Outfall 004

- Tunnel Dewatering and Wet Weather Pumping Station
  - Installation of tunnel dewatering pumps and wet weather pumps
    - Installation of a 20 mgd pumping station and 130 mgd pumping station in a 65-ft diameter shaft
    - Installation of a screening facility and gantry crane in a 35-ft diameter shaft
    - Superstructure to house gantry crane and odor control equipment
    - Installation of electrical and instrumentation equipment

- WRFF Site Security and Access
  - Improvements to four existing gates and perimeter fencing
    - Installation of one new rollup gate and security booth under garage overhang south of Limerick Street
    - Installation of a new walkway along the South Bridge crossing Hooffs Run
    - Replacement of three existing gates and installation of three security booths

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Page 60 of 69
## Tier 1 Alexandria Homeowners Associations | Updated March 2020

<table>
<thead>
<tr>
<th>HOA</th>
<th>Contact</th>
<th>Meeting Info</th>
<th>Board Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alexandria Federation of Civic Associations</td>
<td>Heidi Ford First Co-Chair</td>
<td>Last Wednesday of the month at 7:00 / City Hall, Room 2000</td>
<td>Bill Dickinson</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:Ha.ford123@yahoo.com">Ha.ford123@yahoo.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arlandria Citizens Association</td>
<td>Kevin Beekman, President</td>
<td>Unclear</td>
<td>John Hill</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:kbeekman@yahoo.com">kbeekman@yahoo.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brookville-Seminary Valley Civic Association</td>
<td>Linda Barrett, President</td>
<td>Monthly at Beatley Library</td>
<td>Bruce Johnson</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:Linda.barrett@bsvca.net">Linda.barrett@bsvca.net</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cameron Station Civic Association</td>
<td>Jon Dellaria</td>
<td>Last Tuesday of the month at Cameron Club (Kilburn St. &amp; Brenman Park Drive)</td>
<td>Vacant</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:boardofdirectors@cameronstation.org">boardofdirectors@cameronstation.org</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Del Ray Citizens Association</td>
<td>Rod Kuckro, President</td>
<td>Second Wednesday of the month at 7:00 / varied meeting places</td>
<td>Jim Beall</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:president@delraycitizen.net">president@delraycitizen.net</a></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>or</td>
<td></td>
<td></td>
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<tr>
<td>Hume Springs Civic Association</td>
<td>Colleen Stover, President</td>
<td>Quarterly at 6:30 / Cora Kelly Recreation Center</td>
<td>Jim Beall</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:president@humesprings.org">president@humesprings.org</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lenox Park at Sunnyside HOA</td>
<td>Margo Gorra-Stockman, President</td>
<td>Fourth Monday of the month at 7:00 / Beverley Hills United Methodist</td>
<td>Adriana Caldarelli</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.lenoxplace.org/Pages/HOAMailbox.aspx">http://www.lenoxplace.org/Pages/HOAMailbox.aspx</a></td>
<td>3512 Old Dominion Blvd.</td>
<td></td>
</tr>
<tr>
<td>Lynhaven Civic Association</td>
<td>Barbara Draughon, President</td>
<td>First Monday of the month at 7:00 / Cora Kelly Recreation Center</td>
<td>Jim Beall</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:bcdrawn@hotmail.com">bcdrawn@hotmail.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>703-725-7487</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nethergate HOA</td>
<td>City briefed this group in</td>
<td>City briefed this group in February 2018. No public information available</td>
<td>Vacant</td>
</tr>
<tr>
<td></td>
<td>February 2018. No public information available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Old Town Independent Citizens Civic Association (NOTice)</td>
<td>Clarence Tong, President</td>
<td>Meets three times a year; November 15, 2018 annual meeting</td>
<td>Vacant</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:President@Notice-Alexandria.org">President@Notice-Alexandria.org</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>703-549-5849</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North Ridge Citizens Association</td>
<td>Jeanne Snapp, President</td>
<td>Second Monday of the month at 7:30 except July and August / Beverley Hills Community Methodist</td>
<td>Bruce Johnson</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:jsnapp@tagconsulting.org">jsnapp@tagconsulting.org</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>or <a href="mailto:info@northridgecitizens.org">info@northridgecitizens.org</a></td>
<td></td>
<td></td>
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<tr>
<td>HOA</td>
<td>Contact</td>
<td>Meeting Info</td>
<td>Board Contact</td>
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</tr>
<tr>
<td>Old Town Civic Association</td>
<td>Steve Milone</td>
<td>Second Wednesday of the month; 7 PM social/7:30 meeting at Lyceum, 201 S. Washington St.</td>
<td>Bill Dickinson</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:MiloneSteve@gmail.com">MiloneSteve@gmail.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parkfairfax Unit Owners Association</td>
<td>Scott Buchanan, President</td>
<td>Third Wednesday every month at 7 at Association Office, 3360 Gunston Rd.</td>
<td>Bruce Johnson</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:Buchananward4@gmail.com">Buchananward4@gmail.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>703-998-5771</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potomac Greens</td>
<td>Ron LaFond, President</td>
<td>Fourth Thursday every month at 7 at Potomac Greens Clubhouse</td>
<td>Vacant</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:cberuete@sentrymanagement.com">cberuete@sentrymanagement.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potomac Yards</td>
<td>Mila Yochum, President</td>
<td>Second Monday of the month; 7pm at Station @ Potomac Yard Apartments, 652 Maskell Street</td>
<td>Adriana Caldarelli</td>
</tr>
<tr>
<td></td>
<td>Potomacyard.org/contact/</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rosemont Citizens Association</td>
<td>Jol Silversmith, President</td>
<td>Unclear</td>
<td>John Hill</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:jol@thirdamendment.com">jol@thirdamendment.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seminary Hill Association</td>
<td>Nancy Jennings, President</td>
<td>Second Thursday every month at 7:30 at Immanuel Church-on-the-Hill, 3606 Seminary Road</td>
<td>Bill Dickinson</td>
</tr>
<tr>
<td></td>
<td>703-820-6930</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seminary West Civic Association</td>
<td>Pete Benavage</td>
<td>Unclear</td>
<td>Bill Dickinson</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:Raglan1854@verizon.net">Raglan1854@verizon.net</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taylor Run Citizens’ Association</td>
<td>Hendrick Booz, President</td>
<td>Community meetings in the fall and spring, with executive committee meetings each month in the George Washington Masonic Temple.</td>
<td>John Hill</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:Hendrickbooz@gmail.com">Hendrickbooz@gmail.com</a></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>OR</td>
<td></td>
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<tr>
<td></td>
<td><a href="mailto:TaylorRunCA@gmail.com">TaylorRunCA@gmail.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other officers:</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>VP: Brett Egusa</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><a href="mailto:begusa@gmail.com">begusa@gmail.com</a></td>
<td></td>
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<tr>
<td></td>
<td>Treasurer: Ashkan Bayatpour</td>
<td></td>
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<tr>
<td></td>
<td><a href="mailto:ashkan.bayatpour@gmail.com">ashkan.bayatpour@gmail.com</a></td>
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<tr>
<td>HOA</td>
<td>Contact</td>
<td>Meeting Info</td>
<td>Board Contact</td>
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<tr>
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<td>------------------------------------------------------</td>
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<tr>
<td>Upper King Street Neighborhood Association</td>
<td>Trey Hanbury&lt;br&gt;<a href="mailto:Trey.hanbury@gmail.com">Trey.hanbury@gmail.com</a></td>
<td>Unclear.</td>
<td>Vacant</td>
</tr>
<tr>
<td>Wakefield-Tarleton Civic Association</td>
<td>Sara Deshong&lt;br&gt;<a href="mailto:Sararose0409@gmail.com">Sararose0409@gmail.com</a></td>
<td>Third Wednesday each month; location varies</td>
<td>Bill Dickinson</td>
</tr>
<tr>
<td>West Old Town Citizens Assn.</td>
<td>Unclear; <a href="mailto:wotca1@gmail.com">wotca1@gmail.com</a></td>
<td>In 2017, third Thursday of the month at Durant Art Center, 1605 Cameron Ave.</td>
<td>Vacant</td>
</tr>
<tr>
<td>Sunday</td>
<td>Monday</td>
<td>Tuesday</td>
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<tr>
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<td>Lynhaven Civic Assn. 7:00p Cora Kelly Rec Center 25 W. Reed Ave. Jim Beall</td>
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<td>8</td>
<td></td>
<td>9</td>
<td>10</td>
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<td></td>
<td>North Ridge Citizens Assn. 7:30p – Beverly Hills United Methodist, 3512 Old Dominion Blvd - Bruce Johnson Potomac Yard Civic Assoc 7:00p - Community Room, The Station At Potomac Yard Apts, 650 Maskell St - Adriana Caldarelli</td>
<td>Del Ray Citizens Assn. 6:30p Del Ray United Methodist Church, 100 E. Windsor Ave. – Jim Beall Old Town Civic Assn. 7p-Social, 7:30p-Mtg. Lyceum 201 S. Washington St. Bill Dickinson</td>
<td></td>
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<tr>
<td>15</td>
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<tr>
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<td>Hume Springs Citizens Assoc. 7p Cora Kelly Rec Center 25 W. Reed Ave. – Jim Beall</td>
<td>Park Fairfax Unit Owners Assn. 7:00p-Assn. Office, 3360 Gunston Rd. Bruce Johnson</td>
</tr>
<tr>
<td>22</td>
<td></td>
<td>23</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>Lenox Park @ Sunnyside HOA 7:00p – Beverly Hills United Methodist, 3512 Old Dominion Blvd – Adriana Caldarelli</td>
<td>Alex. Federation of Civic Assn. 7:00p City Hall, Rm. 2000 - Bill Dickinson</td>
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</tr>
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<td>29</td>
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<tr>
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<tr>
<td>Lynhaven Civic Assn. 7:00p Cora Kelly Rec Center 25 W. Reed Ave. Jim Beall</td>
<td>Del Ray Citizens Assn. 6:30p Del Ray United Methodist Church, 100 E. Windsor Ave. – Jim Beall Old Town Civic Assn. 7p-Social, 7:30p-Mtg. Lyceum 201 S. Washington St. Bill Dickinson</td>
<td>Seminary Hill Assn. 7:30p-Immanuel Church on the Hill, 3606 Seminary Rd. Bill Dickinson West Old Town Citizens Assoc. 7:30pm – Durant Arts Ctr., 1605 Cameron St. Vacant</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
</tr>
<tr>
<td>North Ridge Citizens Assn. 7:30p – Beverly Hills United Methodist, 3512 Old Dominion Blvd - Bruce Johnson Potomac Yard Civic Assoc 7:00p - Community Room, The Station At Potomac Yard Apts, 650 Maskell St - Adriana Caldarelli</td>
<td>Park Fairfax Unit Owners Assn. 7:00p-Assn. Office, 3360 Gunston Rd. Bruce Johnson</td>
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<td>Hume Springs Citizens Assoc. 7p Cora Kelly Rec Center 25 W. Reed Ave. – Jim Beall</td>
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<td>26</td>
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<td>28</td>
<td>29</td>
</tr>
<tr>
<td>Lenox Park @ Sunnyside HOA 7:00p – Beverly Hills United Methodist, 3512 Old Dominion Blvd – Adriana Caldarelli</td>
<td>Alex. Federation of Civic Assn. 7:00p City Hall, Rm. 2000 -Bill Dickinson BSVCA 7pm Patrick Henry Rec Ctr. – Bruce Johnson</td>
<td>Potomac Greens HOA 7:00p Potomac Greens Clubhouse - Vacant</td>
<td></td>
</tr>
<tr>
<td>Sunday</td>
<td>Monday</td>
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<tr>
<td></td>
<td>Lynhaven Civic Assn. 7:00p Cora Kelly Rec Center 25 W. Reed Ave. Jim Beall</td>
<td>Cameron Station Civic Assn. 7:00p – Cameron Club – Vacant</td>
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<td></td>
<td>North Ridge Citizens Assn. 7:30p – Beverly Hills United Methodist, 3512 Old Dominion Blvd - Bruce Johnson</td>
<td>Del Ray Citizens Assn. 6:30p Del Ray United Methodist Church, 100 E. Windsor Ave. – Jim Beall</td>
<td>Seminary Hill Assn. 7:30p-Immanuel Church on the Hill, 3606 Seminary Rd. Bill Dickinson</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Old Town Civic Assn. 7p-Social, 7:30p-Mtg. Lyceum 201 S. Washington St. Bill Dickinson</td>
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<td>Hume Springs Citizens Assn. 7p Cora Kelly Rec Center 25 W. Reed Ave. – Jim Beall</td>
<td>Park Fairfax Unit Owners Assn. 7:00p-Assn. Office, 3360 Gunston Rd. Bruce Johnson</td>
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<td>Lenox Park @ Sunnyside HOA 7:00p – Beverly Hills United Methodist, 3512 Old Dominion Blvd – Adriana Caldarelli</td>
<td>Alex. Federation of Civic Assn. 7:00p City Hall, Rm. 2000 -Bill Dickinson</td>
<td>Potomac Greens HOA 7:00p Potomac Greens Clubhouse - Vacant</td>
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Alexandria Renew Enterprises Board of Directors Roster

**Chairman**
John Hill – Elected 7/25/2019
308 Rucker Place
Alexandria, VA 22301
Original appointment: 1/24/2012
Current appointment expires: 1/10/2023
Ex-officio all committees

**Contact Information**
Home: (703) 836-7297
Office: (202) 874-5871
Mobile: (301) 742-0814
Office Email: john.hill@fms.treas.gov
Home Email: johnbhill1789@gmail.com
AlexRenew Email: john.hill@alexrenew.com

**Vice Chair**
James Beall – Elected 2.18.20
20 West Mount Ida
Alexandria, VA 22305
Original appointment: 3/8/2016
Current appointment expires: 1/10/2021

**Committee Assignment - Finance**
Mobile: (703) 408-4922
Office: (703) 877-5673
Email: jiminvirginia@gmail.com
AlexRenew Email: james.beall@alexrenew.com

**Secretary-Treasurer**
William Dickinson – Elected 7/25/2019
805 Quaker Lane
Alexandria, VA 22302
Original appointment: 2/14/2012
Current appointment expires: 2/13/2024
Committee Assignment – Governance

**Contact Information**
Home: (703) 370-3089
Office: (703) 370-3089
Mobile: (703) 403-8721
Email: bill.c.dickinson@gmail.com
AlexRenew Email: william.dickinson@alexrenew.com

**Member**
Bruce Johnson
3508 Halcyon Drive
Alexandria, VA 22301
Original appointment: 1/14/2014
Current appointment expires: 1/9/2022
Committee Assignment – Finance

**Contact Information**
Home: (703) 548-9604
Mobile: (571) 238-1548
Email: bjohnson123@comcast.net
AlexRenew Email: bruce.johnson@alexrenew.com

**Member**
Adriana Caldarelli
300 Yoakum Parkway, #1112
Alexandria, VA 22304
Original appointment – 1/14/2020
Current appointment expires: 1/14/2024
Committee Assignment - TBD

**Contact Information**
Home: (609) 457-8664
Mobile (609) 457-8664
Office: (703) 684-2406
Email: acaldarelli@wef.org
AlexRenew Email: Adriana.caldarelli@alexrenew.com

**Fairfax County Representative to the Board**
Shahram Mohsenin, P.E., Director
Fairfax County Wastewater Planning & Monitoring Division
12000 Government Center Parkway, Suite 358
Fairfax, VA 22035-0058

**Contact Information**
Office: (703) 324-5030
Fax: (703) 803-3297
Email: shahram.mohsenin@fairfaxcounty.gov

**City of Alexandria Assigned Staff Liaison**
Lalit Sharma
Division Chief, Environmental Quality
City of Alexandria
2900 Business Center Parkway
Alexandria, VA 22314

**Contact Information**
Office: (703) 746-4072
Fax: (703) 519-8354
Email: Lalit.Sharma@alexandriava.gov
### January
- **1**: New Year’s Day
- **20**: MLK Day Observed

### February
- **12**: 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
  - **19**: Board Meeting
  - **27**: Council Board Workgroup Meeting

### March
- **3**: Democratic Presidential Primary
- **17**: Board Meeting & Public Hearing
- **25**: Memorial Day Observed

### April
- **21**: Board Meeting
- **22**: National Earth Day

### May
- **11**: Finance and Audit Committee

### June
- **2**: Alexandria Earth Day
- **16**: Board Meeting & Public Hearing FY21 Budget
- **30**: VA Wastewater Professionals Day
2020 AlexRenew Board of Directors Calendar of Events

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

**July**
- 3: Independence Day Observed

**August - National Water Quality Month**
- No Regularly Scheduled Board Meeting

**September - Preparedness Month**
- 7: Labor Day
- 15: Board Meeting

**October - Cybersecurity Month**
- 20: Regular Board of Directors Meeting

**November - Thanks for Giving Month**
- 3: Election Day - President, House and Senate
- 17: Regular Board Meeting
- 26-27: Thanksgiving Holiday Observation

**December**
- 15: Regular Board Meeting
- 24-25: Holiday Observation