RiverRenew Overview

To improve the waterways that connect us, AlexRenew is implementing RiverRenew to prevent 130 million gallons of combined sewage from polluting Alexandria’s local rivers and streams each year. Three out of four RiverRenew projects were largely completed at AlexRenew’s Water Resource Recovery Facility (WRRF) in 2020. The remaining project includes the construction of a new tunnel to connect AlexRenew’s WRRF to the four existing combined sewer outfalls in Alexandria.

RiverRenew Tuner Project Schedule

<table>
<thead>
<tr>
<th>Project Component/Construction Staging Area</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
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<tr>
<td>AlexRenew</td>
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<tr>
<td>Holland Lane</td>
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<td>Pendleton Street</td>
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<td>Royal Street</td>
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<td>Waterfront Tunnel</td>
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<td>Hooffs Run Interceptor</td>
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<td>Duke Street</td>
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<td>Jamieson Avenue</td>
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<td>African American Heritage Park</td>
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Note: Schedule is preliminary, generalized, and subject to change.

THREE-MONTH LOOK AHEAD

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
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<tbody>
<tr>
<td>April 15</td>
<td>Stakeholder Advisory Group Meeting No. 2</td>
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<tr>
<td>April 2021</td>
<td>City Council/AlexRenew Board CSO Workgroup Meeting No. 11</td>
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<td>April 2021</td>
<td>Holland Lane Construction Staging Area Mobilization</td>
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<tr>
<td>April 2021</td>
<td>Field Surveys and Utility Locating</td>
</tr>
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<td>May 2021</td>
<td>Mobilization to AlexRenew Construction Staging Areas</td>
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<tr>
<td>Through May 2021</td>
<td>Ongoing Permitting and Design</td>
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RiverRenew Tunnel Project Snapshot

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

Legend

- Existing Combined Sewer Outfall
- Hooffs Run Interceptor
- Waterfront Tunnel
- Construction Staging Areas
- Pumping Station
- Diversion Facility

Click here to take a 3D tour of RiverRenew’s future pumping station.

Click here to watch an animated video about RiverRenew and learn how the Waterfront Tunnel will be constructed.

Click here for an introduction to diversion facilities from two RiverRenew engineers.
Status of RiverRenew Tunnel Project Components

Waterfront Tunnel
Update: Final design underway.

Pendleton Street Diversion Facility
Update: Final design underway.

Royal Street Diversion Facility
Update: Final design underway.

Hooffs Run Interceptor
Update: Final design underway.

Pumping Station
Update: Finishing out the Building J Facilities Relocation and Decommissioning Project in preparation for Tunnel Project construction.
RiverRenew Program Costs to Date

RiverRenew Spend to Date by Locality

- Alexandria (2 vendors) - $29.3M
- Northern Virginia (13 vendors) - $13.7M
- Other Virginia (7 vendors) - $3.3M
- Maryland (6 vendors) - $22.2M
- Washington, D.C. (2 vendors) - $7.4M
- Non-Local (18 vendors) - $9.3M

Total = 48 vendors to date

RiverRenew Cash Flow Analysis

- Current Planned Projection: $85,101,163
- Total Program Spend to Date
- Total Fairfax County Spend to Date
- Anticipated Projection Based on Tunnel Project Award
- Total AlexRenew Spend to Date

Total Program Spend to Date: $615M

Date


Millions

$0 $100 $200 $300 $400 $500 $600 $700

$85,101,163

$615M
RiverRenew Community Outreach

Education

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

Highlights:
• A new construction progress highlight celebrating the completion of AlexRenew’s Building J Demolition

Digital Programming

Digital programming keeps the community connected to RiverRenew with regular program updates on RiverRenew.com, featured content on AlexRenew’s social media pages during “Tunnel Takeover Tuesdays,” and distribution of The River Renewer, a quarterly newsletter promoting updates and milestones to more than 500 contacts.

Highlights:
• The Winter 2021 edition of The River Renewer, distributed on February 16
• Social posts celebrating and explaining the establishment of RiverRenew’s design task force

Council-Board Workgroup

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

Next Meeting:
• April 2021: Date to be announced

Community Meetings

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

Highlights:
• 2021-2022 SAG Meeting No. 1: February 18, 2021
  Click here to view the meeting recording
• Community Listening Session – Building for the Future of Alexandria’s Waterways: February 25, 2021
  Click here to view the meeting recording

Looking Ahead:
• 2021-2022 SAG Meeting No. 2: April 15, 2021
  Click here to register to attend

Community Events

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

Community Days

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

Public Inquiries

The RiverRenew team is committed to keeping the community informed every step of the way, dedicating their time to addressing all public inquiries about the project.
Monthly Construction Spotlight

Pumping Station Prep: Fire Hydrant Flow Test

On February 25, AlexRenew completed a flow test of the existing fire hydrants that will serve the future RiverRenew Pumping Station. The future Pumping Station will be built like an “upside-down high-rise,” with four above-ground stories and 12 below-ground stories. Safety is our team’s top priority as Traylor-Shea prepares the Pumping Station design. Engineers will use the flow data from the hydrant tests to help design the water distribution and fire suppression systems in the Pumping Station. This will ensure safe operation for AlexRenew staff in the future.

Check out this video for an inside look at the hydrant flow test.

Investing in Healthier Waterways for Alexandria

To learn more, visit www.RiverRenew.com