



City Council/AlexRenew Board CSO Workgroup Meeting Summary

Meeting No. 11/April 19, 2021



Meeting Attendees:

CSO Workgroup	City of Alexandria	Alexandria Renew Enterprises
Mayor Justin Wilson	Emily Baker	Karen Pallansch
Councilwoman Amy Jackson	Erin Bevis-Carver	Caitlin Feehan
AlexRenew Board Chair John Hill		Justin Carl
AlexRenew Board Vice Chair James Beall		Sheeva Noshirvan

The meeting convened at 5:00 p.m.

The highlights of the presentation included:

- An overview of potential available nutrient credits from the implementation of RiverRenew
- A summary of AlexRenew's proposed two-year rate adjustment to help fund RiverRenew
- An overview of the pre- and post-construction survey and monitoring process
- A recap of the latest RiverRenew Stakeholder Advisory Group meeting
- An update on ongoing site investigation work to support the Tunnel Project
- Updates on upcoming activities at the Holland Lane Lot and AlexRenew
- A six-month look-ahead for the Tunnel Project

The following is a summary of the questions asked by the Workgroup and the answers provided by staff:

Mayor Wilson asked for further clarification on the Virginia Nutrient Credit Exchange for wastewater treatment facilities.

Karen Pallansch, AlexRenew's General Manager, clarified that the Virginia Nutrient Credit Exchange was established in 2005 to help wastewater treatment facilities meet Chesapeake Bay total maximum daily load requirements. The Exchange serves as a "trading marketplace" to coordinate and facilitate nutrient credit trading among its members to help improve water quality efficiently and cost-effectively.

Mayor Wilson asked if the City could use AlexRenew's excess nutrient credits to meet stormwater waste load allocations requirements, instead of having the credits enter the Exchange.

Ms. Pallansch explained that after RiverRenew is implemented, any nutrient credits generated through the capture and treatment of combined sewer overflows (CSO) will be calculated annually and traded to the City per the 2018 Outfall Transfer Agreement executed between the City and AlexRenew.

Councilwoman Jackson asked if nutrient credit information has been disseminated to the community.

Ms. Pallansch explained that information related to CSO nutrient credits is available on AlexRenew's website and has also been shared with the Alexandria Environmental Policy Commission.

Mayor Wilson asked why rate adjustments are only projected in two-year increments.

Ms. Pallansch explained while longer-term projections have been calculated, a two-year rate adjustment allows AlexRenew to remain financially flexible as RiverRenew is implemented.

Councilwoman Jackson asked if the renovation work at the Basilica School of St. Mary will occur at the same time as construction associated with the Tunnel Project.

Justin Carl, RiverRenew Program Manager, confirmed there will be some overlap of renovation work and Tunnel Project construction. He added AlexRenew has been coordinating and will continue to coordinate construction efforts with St. Mary's, particularly around traffic coordination along South Royal Street.

Mayor Wilson asked how loud it will be at street level when the tunnel boring machine (TBM) passes under Church Street.

Mr. Carl explained there should be no perceptible noise at the ground level, as the TBM will be approximately 100 feet underground.

Mayor Wilson asked if Right of Entry Agreements are required to be executed by property owners.

Mr. Carl clarified the Right of Entry Agreement is voluntary for property owners with structures within the tunnel buffer area.

Mayor Wilson asked if the Waterfront Tunnel will be built with a new TBM or a remanufactured TBM.

Mr. Carl confirmed the Waterfront Tunnel will be built with a new TBM from Herrenknecht in Germany.

Mayor Wilson asked what happens to the TBM once the Waterfront Tunnel is completed.

Mr. Carl indicated the design-build team, Traylor-Shea, can either keep the TBM to be used for future projects or sell it to another contractor building a similar sized tunnel.

Councilwoman Jackson asked what type of redundancy is in place should AlexRenew experience a power outage during mining operations.

Mr. Carl explained AlexRenew is coordinating with Dominion Energy on a 5-megawatt drop to power the TBM and can account for power outages should they occur.

Councilwoman Jackson asked what kind of education outreach will be done for schools around the TBM.

Ms. Pallansch shared that several planned outreach efforts geared toward Alexandria children are under development, including groundbreaking ceremony engagement, storybooks, and various STEM initiatives.

Other discussion points:

- The meeting adjourned at 6:04 p.m.
- The next Council-Board Workgroup meeting is anticipated to be held in September 2021.
- AlexRenew will host a virtual Community Listening Session to review construction activities at AlexRenew's wastewater treatment plant on May 20, 2020, at 6:00 p.m.