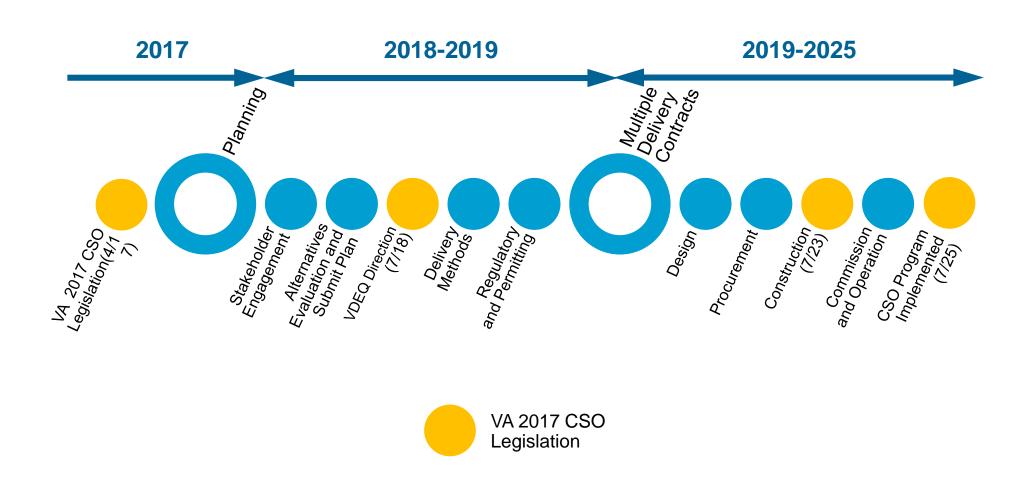


Presentation Outline

- 2017 CSO Legislation
- Stakeholder Process
- Technical Options and Performance
- Recommendation
- Next Steps

2017 CSO Legislation requires addressing all CSO outfalls by 2025, with interim milestones established



LTCPU Public Meeting

Stakeholder Process

CSS Stakeholder Process Timeline

Evaluation Criteria and Layouts of **Additional Shortlist of Options** and Recommended Wrap-up of Introduction/ Detail of **Alternatives Performance Option** LTCPU Phase **Background Options** (all four outfalls) Oct 12, Nov 20, Jan 10, Feb 1, Feb 22, March 19, 2017 2017 2018 2018 2018 2018 Summarize scoring Review options Wrap-up and Discuss the Introduce the Review conceptual of options and with respect to present draft plan. CSS/WW Plan shortlist of layout of options. discuss Rate impact schedule, cost, history, the 2016 alternatives. Present recommended community discussion. **LTCPU** Review and performance option. Green Stakeholder submission, and discuss the acceptance, Infrastructure 0&M, and Recommendation the new evaluation criteria evaluation and adaptability discussion legislation. and process discussion. Discuss Introduce the Stakeholder technologies Recommendation under Process consideration

LTCPU Public Meeting





Current CSS Stakeholder Members

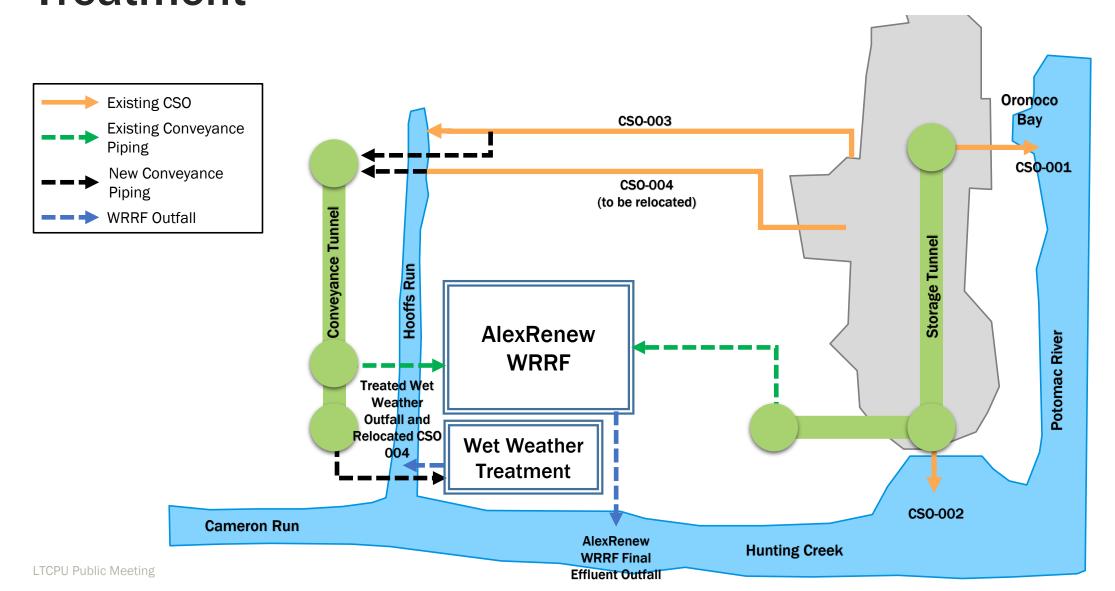
Name	Organization
Agnes Artemel	At-Large: Oronoco/Rivergate/Tobacco Quay
Liz Birnbaum	Park and Recreation Commission
Yvonne Callahan	Old Town Civic Association
Andrew Duncan	Chamber of Commerce
Lauren Glose	At-Large: Citywide
John Hill	Alexandria Renew Enterprises
Kate Mackenzie	At-Large: Porto Vecchio/Bridgeyard
Skip Maginniss - Chair	Budget and Fiscal Affairs Advisory Commission
Stephen Milone	Environmental Policy Commission
Erik Olson	North Old Town Independent Citizens Association
Dixie Sommers	Environmental Advocacy: Friends of Dyke Marsh
Jack Sullivan	At-Large: Citywide
Chuck Weber	Old Town Civic Association
Ivy Whitlatch	Alexandria Archaeological Commission

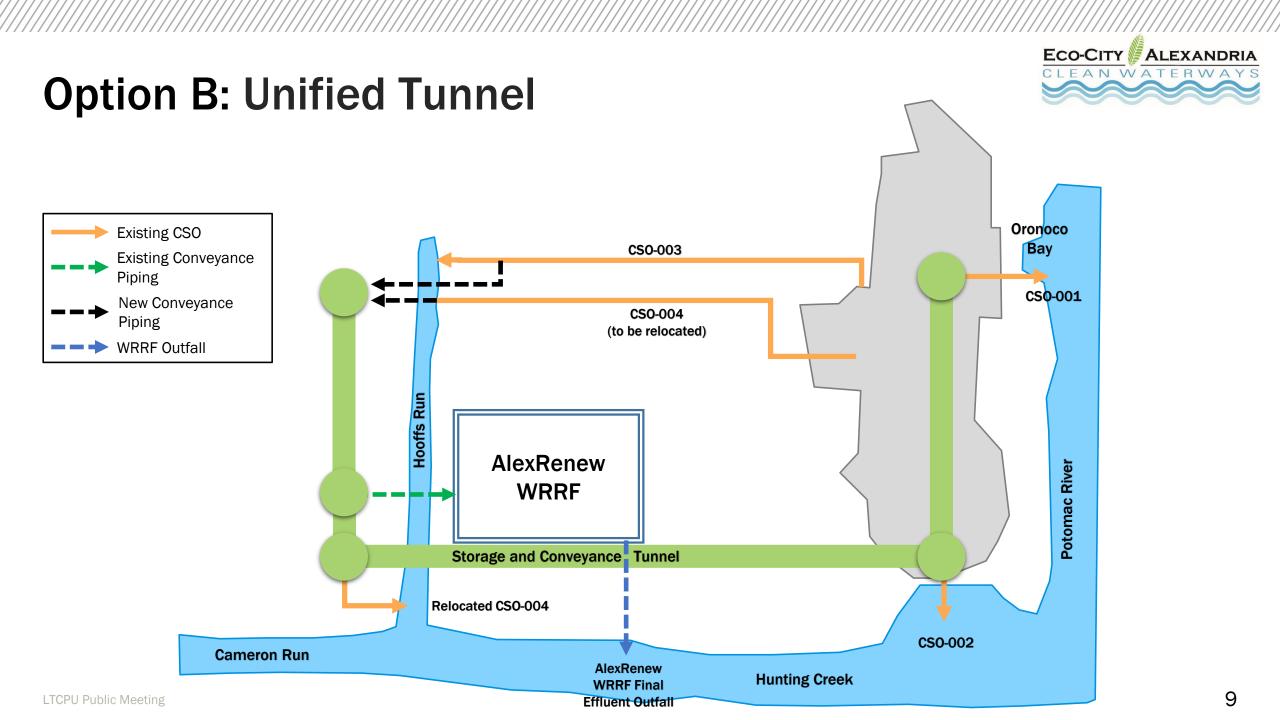
LTCPU Public Meeting

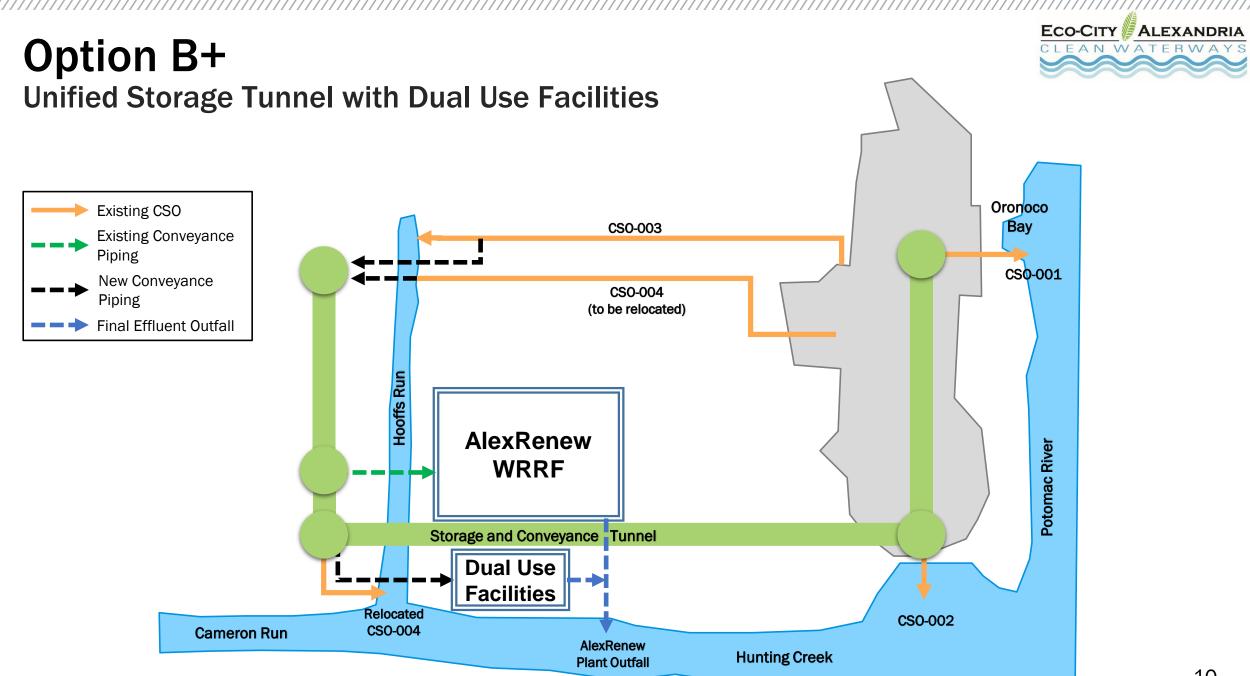
Technical Options and Performance

Option A: Separate Tunnels with Wet Weather Treatment



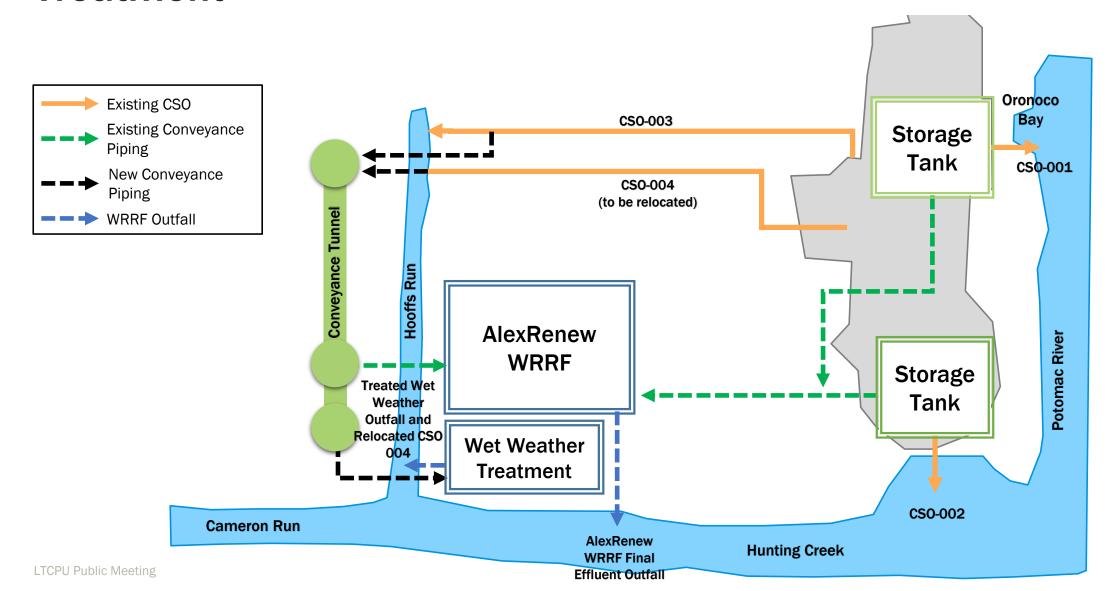




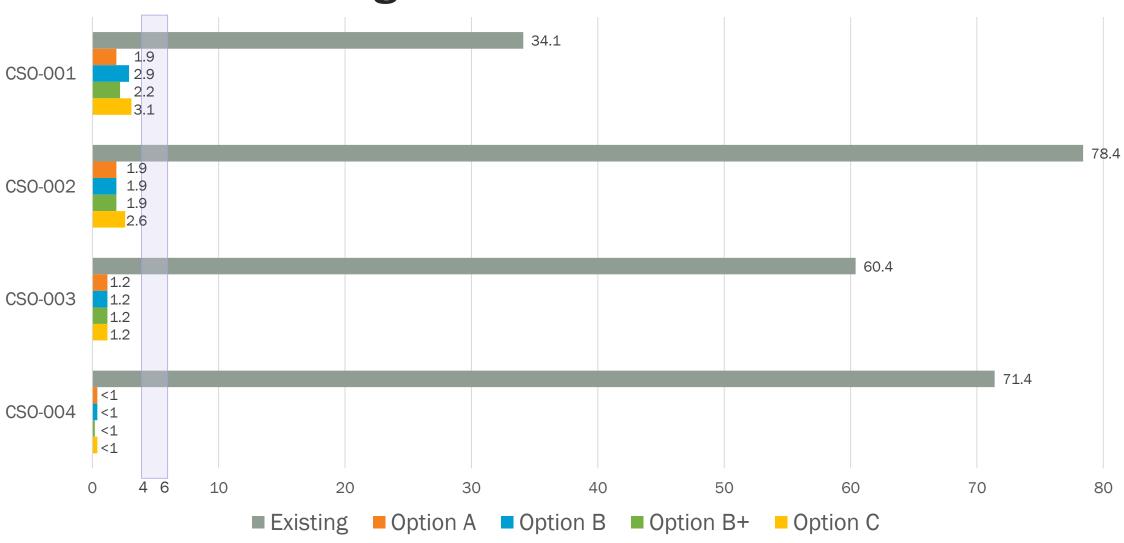


Option C: Tunnel and Tanks with Wet Weather Treatment

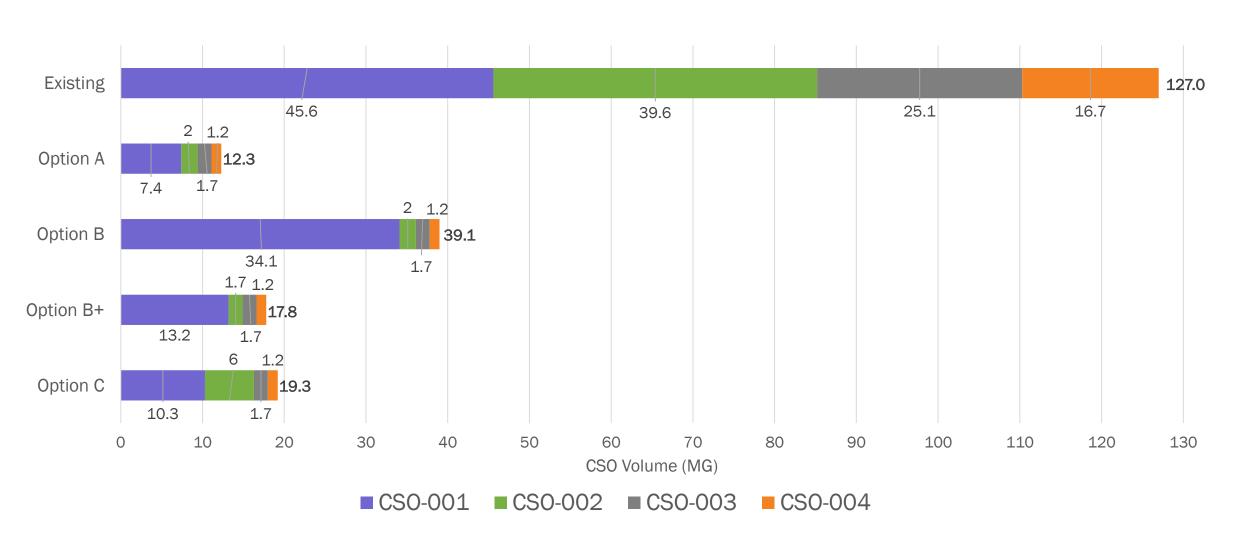




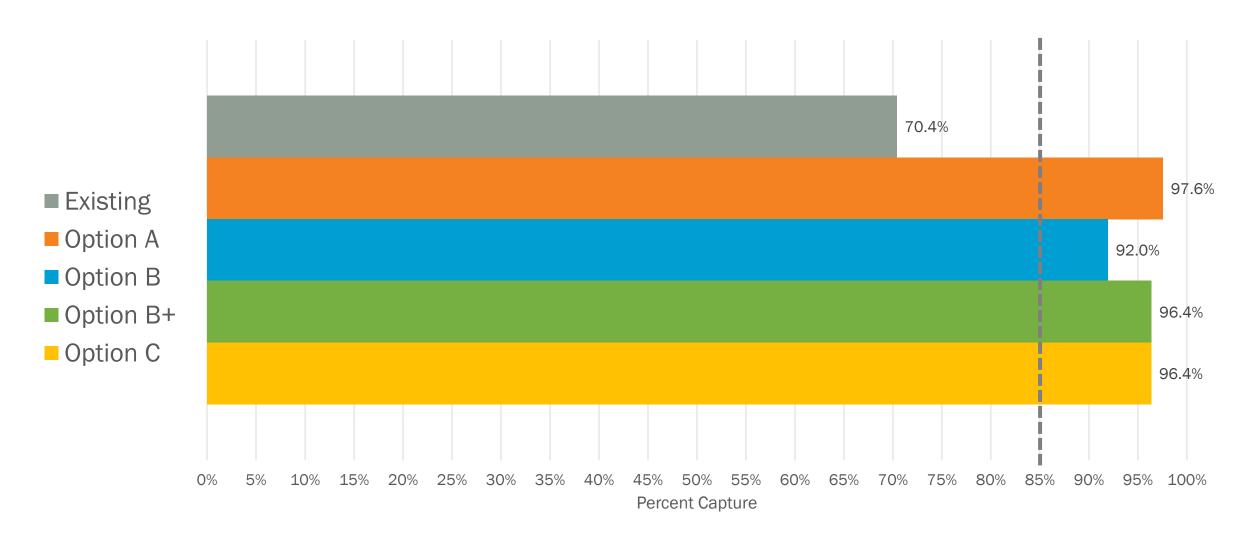
Performance: Average Number of Overflows 2000-2016



Performance: Average Volume of Overflows 2000-2016



Performance: Average Percent Capture 2000-2016



Recommendation

Recommendation

City/AlexRenew Team and Stakeholder Group recommend, Option B+ = Unified Tunnel with dual use facility (wet weather treatment), as the combined sewer system control strategy to accomplish the City's goals and permit requirements

- Meets the regulatory requirements
- Lowest cost option
- Minimizes impact to the community
- Most adaptable solution
- Preserves space at AlexRenew

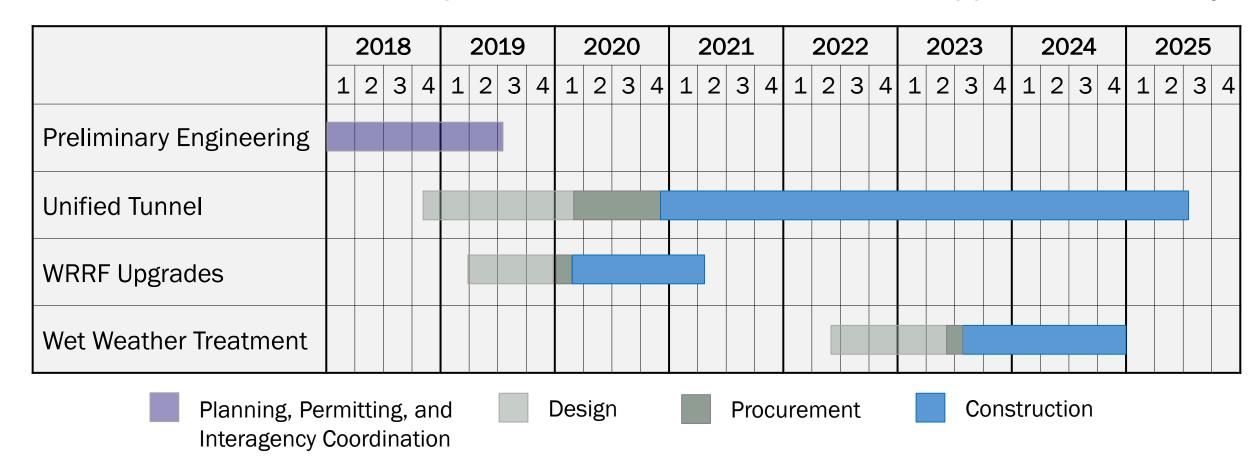
The overall schedule and costs presented are a reasonable balance of cost and complying with the legislative mandate

CSS Stakeholder Group Meeting #6

Next Steps

Long Term Control Plan Implementation Schedule

- City will transfer permit and assets to AlexRenew
- AlexRenew will lead the implementation of the LTPCU, with support from the City



Long Term Control Plan Update Timeline

 Friday, March 23 	LTCPU Public Comment Period Started
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- Thursday, April 5 LTCPU Public Meeting Held
- Tuesday, April 10 City Council Legislative Meeting
- Saturday, April 14 City Council Public Hearing
- Tuesday, April 17 AlexRenew Board Meeting
- Monday, April 23 LTCPU Public Comment Period Ends
- Tuesday, April 24 City Council Legislative Meeting

What happens next?

- City Council authorization to submit
- LTCPU Submission to DEQ
- Transfer of assets City/AlexRenew partnership
- Continued Community Engagement going forward
 - Preliminary engineering
 - Permitting and land use approvals
 - Design
 - Construction