



RiverRenew

Council-Board Workgroup Meeting No. 6

April 24, 2019





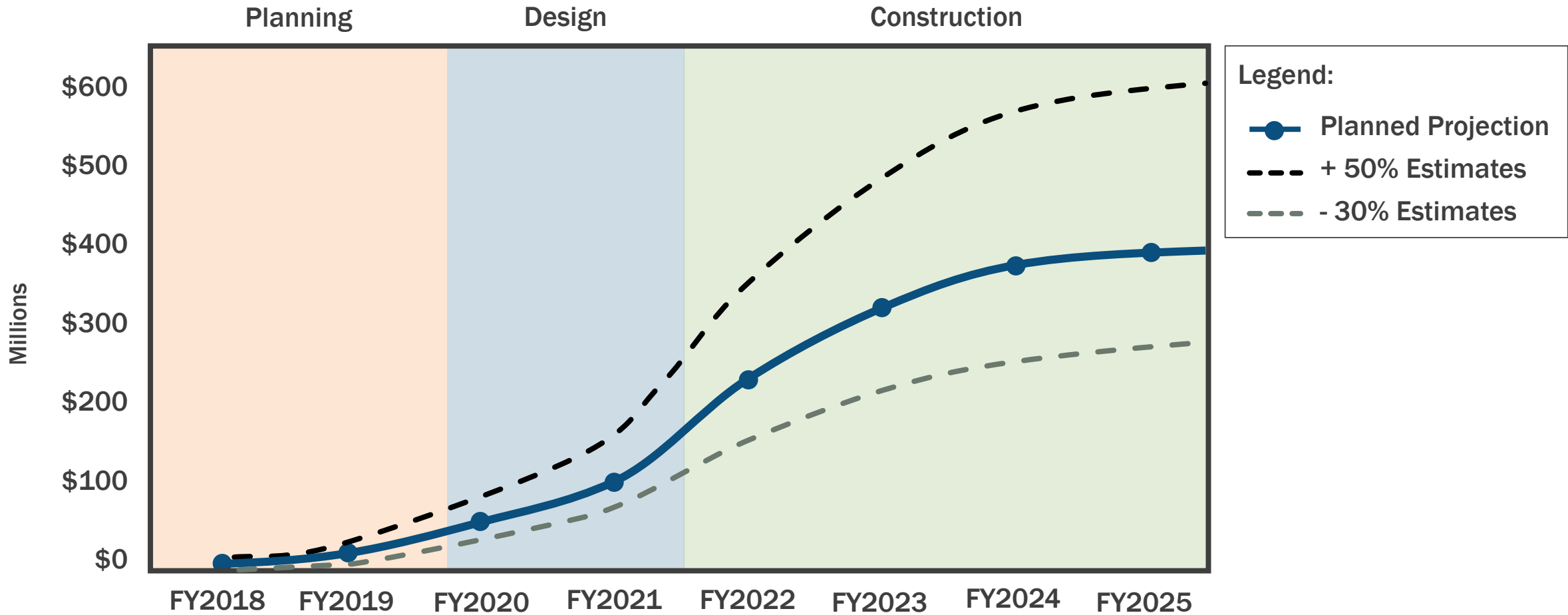
Presentation Outline

- Proposed AlexRenew Rate Adjustment Summary
- Stakeholder Advisory Group Coordination Update
- Technical Update
- Permitting and Community Engagement Update
- Upcoming Community Listening Sessions



Proposed AlexRenew Rate Adjustment Summary

RiverRenew capital costs are currently estimated between \$370 and \$555 million.



Note: Current estimates are based on an approximately 10 percent level of planning and design.

AlexRenew rate payers will see a 13% increase starting July 1, 2019 and another 11% increase starting July 1, 2020, with additional increases in future years.

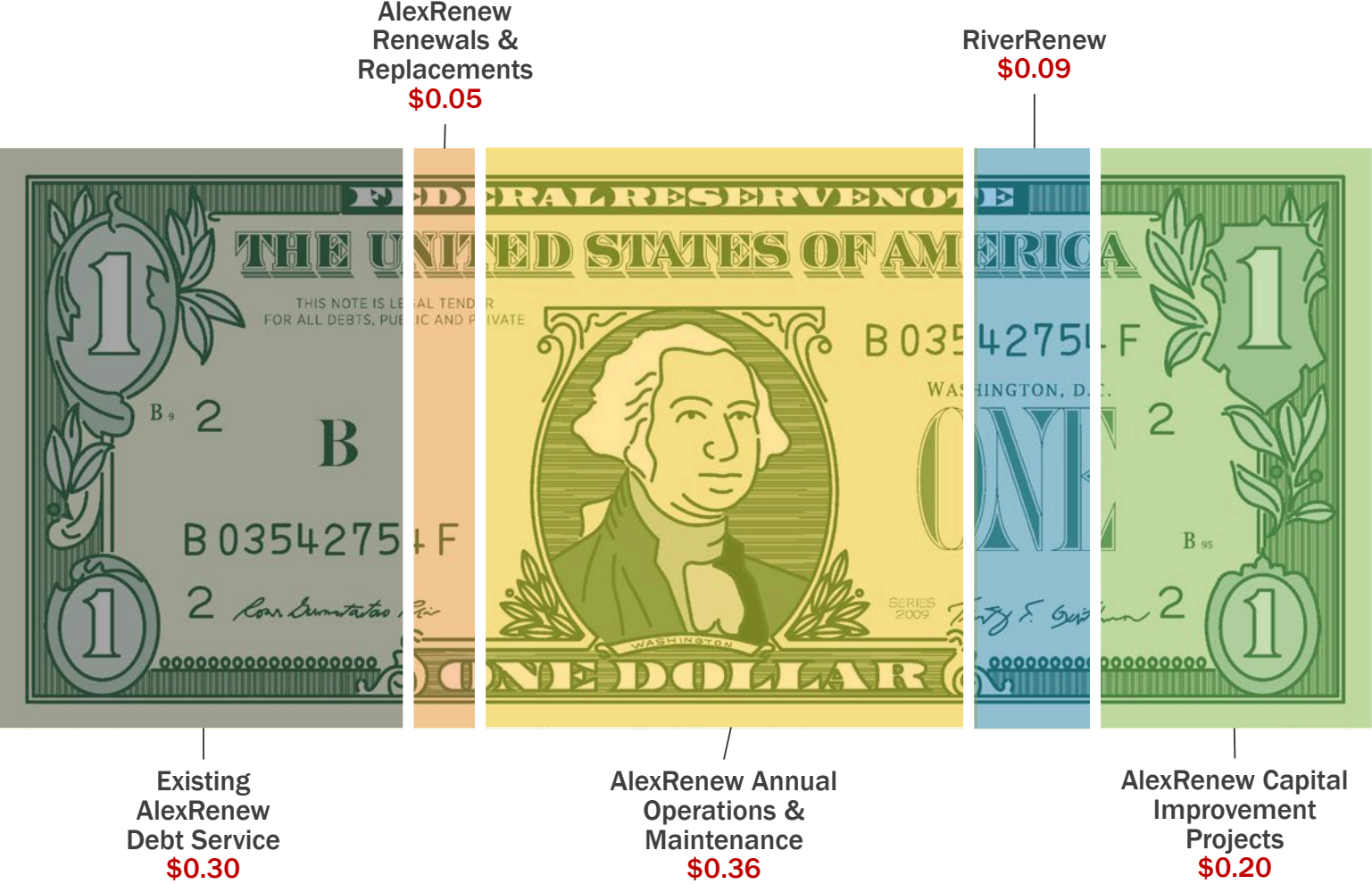
AlexRenew Monthly Bill (example)	Today	FY2020 (July 2019)	FY2021 (July 2020)
Base Charge	\$9.61	\$10.83	\$12.05
Wastewater Treatment Charge	\$27.08	\$30.52	\$34.00
AlexRenew Total	\$36.69	\$41.35	\$46.05
% Increase		13%	11%

Notes:

1. Estimate for average residential user
2. Based on 4,000 gallons of water usage
3. The AlexRenew sewer bill also includes the City Sanitary Sewer System Capital Investment and Maintenance Fee



How Each Dollar of Rate Revenue is Estimated to be Spent in Fiscal Year 2020

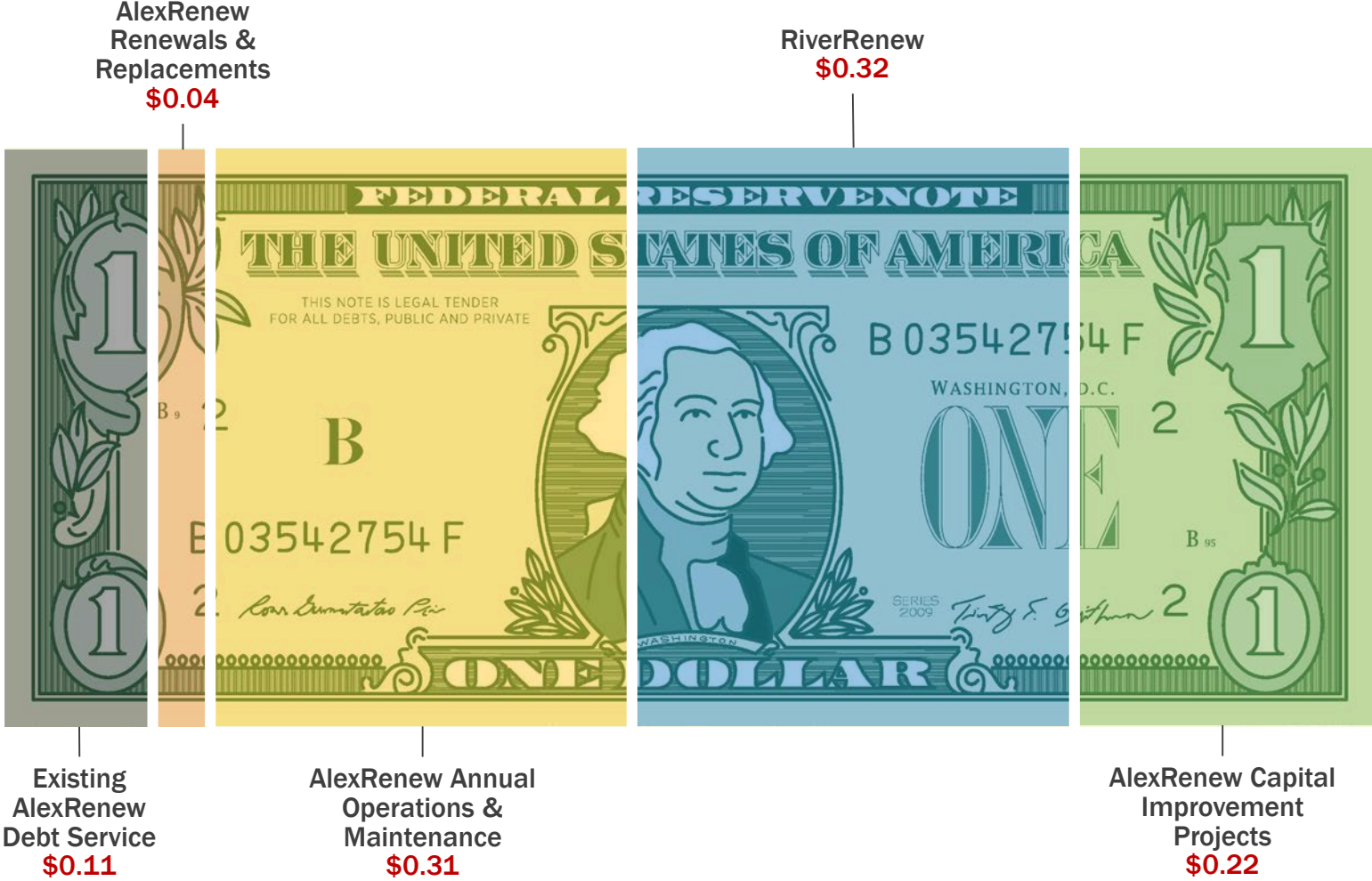


How Each Dollar of Rate Revenue is Estimated to be Spent in Fiscal Year 2021



How Each Dollar of Rate Revenue is Estimated to be Spent in Fiscal Year 2025

(Based on Current Program Estimates)



For More Information on the Proposed Rate Adjustments:



Attend our Open House on rates

Visit our website www.alexrenew.com/know-your-rates to check out our Rate Calculator

Estimate Your Future Wastewater Treatment Charge
Estimate your monthly wastewater treatment charge based on your current water usage. To get started, enter the thousands of gallons as shown on the front of your current bill.
Where can I find this number?

0	.000
1	
2	ate
3	
4	

After July 1, 2019		After July 1, 2020	
Wastewater treatment charge: (7.63 x 0.000 thousands of gallons)	\$0	Wastewater treatment charge: (8.50 x 0.000 thousands of gallons)	\$0
Base charge:	\$0	Base charge:	\$0
Total wastewater treatment:	\$0	Total wastewater treatment:	\$0

Note: Rate estimates are proposed and not yet approved.

Reach out via email at AskRiverRenew@AlexRenew.com or via phone at **703-518-6030**



Stakeholder Advisory Group Coordination Update


RiverRenew Stakeholder Advisory Group (SAG) Members

Area of Representation	# of Members	Description	Nominee
Outfall 001	1 1	<ul style="list-style-type: none"> Nominated by the North Old Town Independent Citizens' Association Resident or business near Tobacco Quay, Oronoco Waterfront Residences or Rivergate 	<ul style="list-style-type: none"> Erik Olson Bill Hillner
Outfall 002	1 1	<ul style="list-style-type: none"> Nominated by the Old Town Civic Association Resident, business, or non-profit near South Royal/Green Streets 	<ul style="list-style-type: none"> Yvonne Callahan Kate Mackenzie
Outfalls 003/4	2	<ul style="list-style-type: none"> Nominated by the Eisenhower Partnership Resident or business of the Carlyle community or Duke Street corridor 	<ul style="list-style-type: none"> No formal nominee Andy Duncan (Chair) Kathy Dismukes
AlexRenew Customer	2	<ul style="list-style-type: none"> At-large residents with interest in RiverRenew 	<ul style="list-style-type: none"> Dan Bradfield Ivy Whitlatch
City-wide Organizations	1 1 1	<ul style="list-style-type: none"> Nominated by Environmental Policy Commission Nominated by an Alexandria business group Nominated by the Park and Recreation Commission 	<ul style="list-style-type: none"> Geoff Goode Mary Ann Burstein Liz Birnbaum
At-large	2	<ul style="list-style-type: none"> Resident with engineering, environmental, financial or related experience 	<ul style="list-style-type: none"> Ron LaFond Karen Halbrecht
Total	13		


RiverRenew SAG Member Roles and Responsibilities



REVIEW AND MONITOR PROGRAM PROGRESS
Gain awareness and understanding for RiverRenew.



COMMUNICATE PROGRESS AND SERVE AS SPOKESPEOPLE FOR PROGRAM
Be a RiverRenew advocate. Disseminate information to networks on progress and increase community awareness of RiverRenew and the benefits it will have for Alexandria.

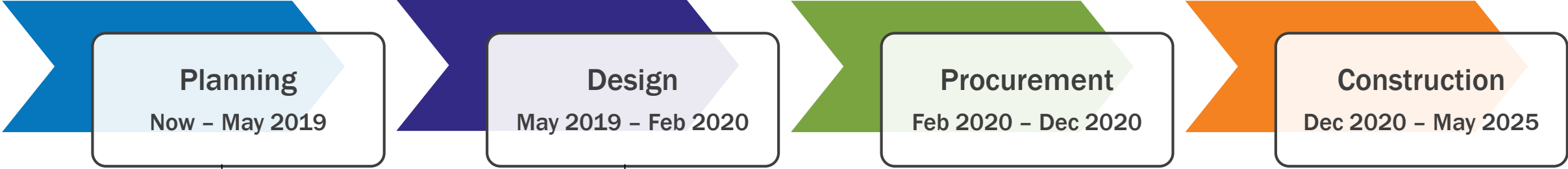


RECEIVE INPUT FROM THE PUBLIC
Solicit feedback on RiverRenew as we advance toward construction.



ASSIST IN IDENTIFYING COMMUNITY IMPACTS
Provide feedback on approaches to minimize community impacts.

RiverRenew SAG Meeting Topics through 2019



Planning

Now - May 2019

Meeting #1:

- SAG Roles and Responsibilities,
- Program Overview
- Tunnel System Overview
- Performance, Schedule, and Cost
- SAG Toolkit

Complete: February 27, 2019

Meeting #2:

- Waterfront Tunnel Status Update
- Environmental Study and Haul Routes
- Approach to Minimize Community Impacts
- Rate Adjustment Information Sharing

Complete: March 26, 2019

Meeting #3: Listening Sessions No. 2

Preparation -
Scheduled: May 1, 2019

Design

May 2019 - Feb 2020

Meeting #4: Environmental Assessment
Comment Overview -
June/July 2019*

Meeting #5: Public Art and Community
Give Backs -
September 2019

Meeting #6: Procurement Process and
Next Steps -
November 2019

Procurement

Feb 2020 - Dec 2020

Construction

Dec 2020 - May 2025

All SAG presentations, agendas, and meeting notes can be found at www.riverrenew.com/sag under "Past Meeting Materials"



Technical Update

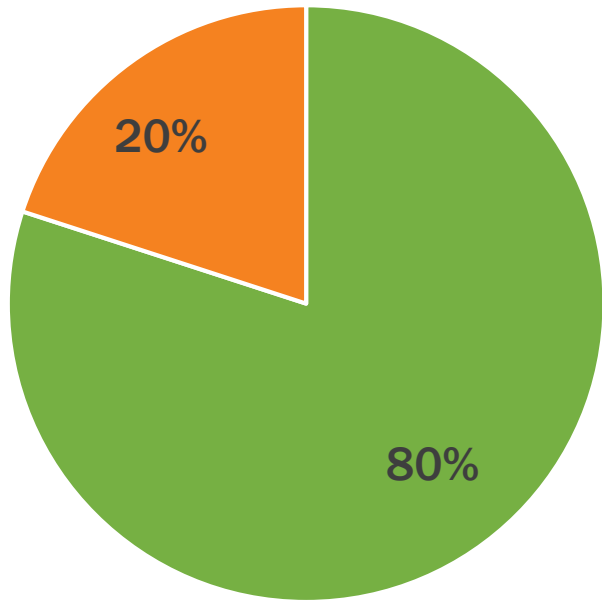
Environmental Studies



Areas of Historic Fill in Relation to Potential Construction Sites

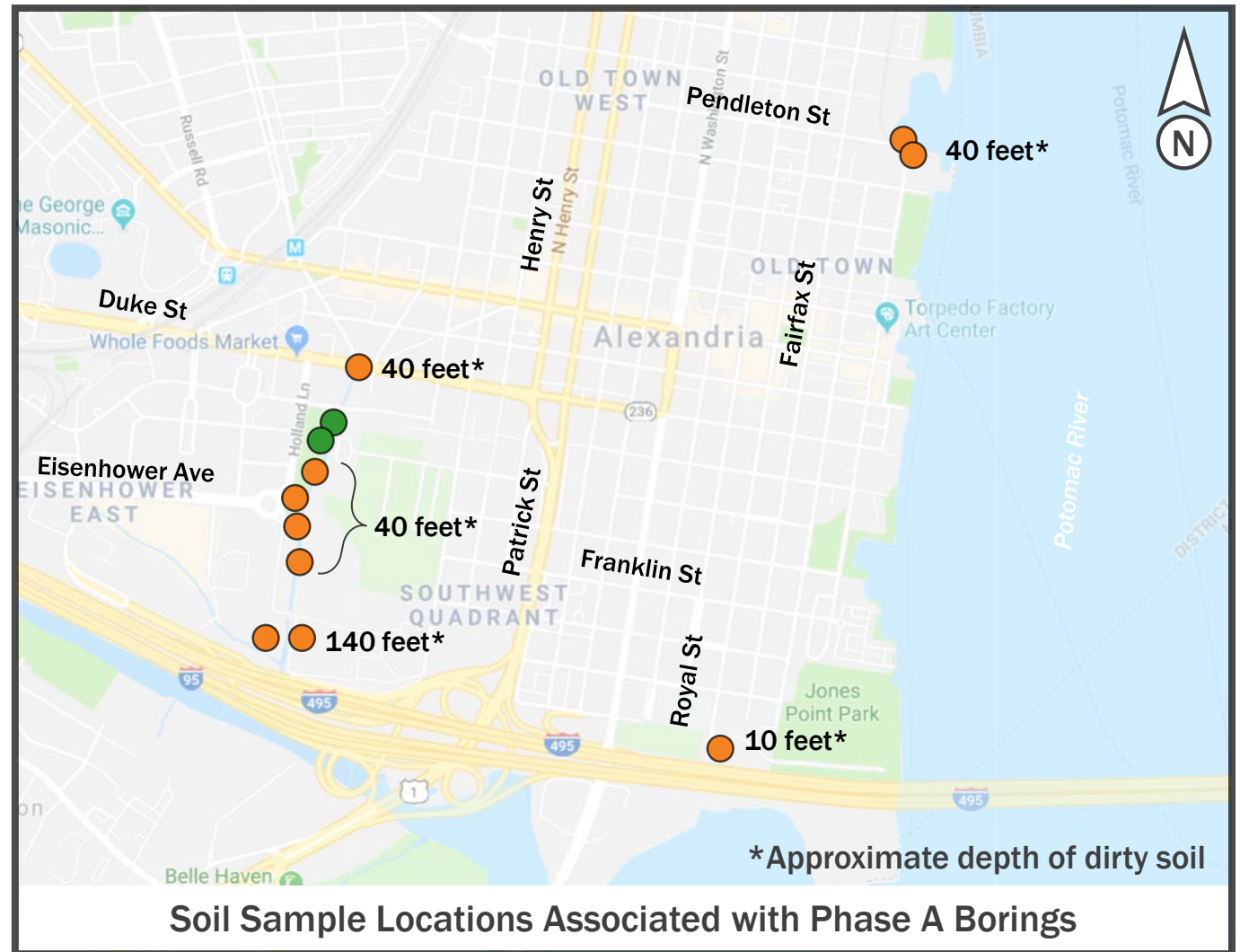


80 Percent of Excavated Soil from Diversion Facilities is Anticipated to be Clean

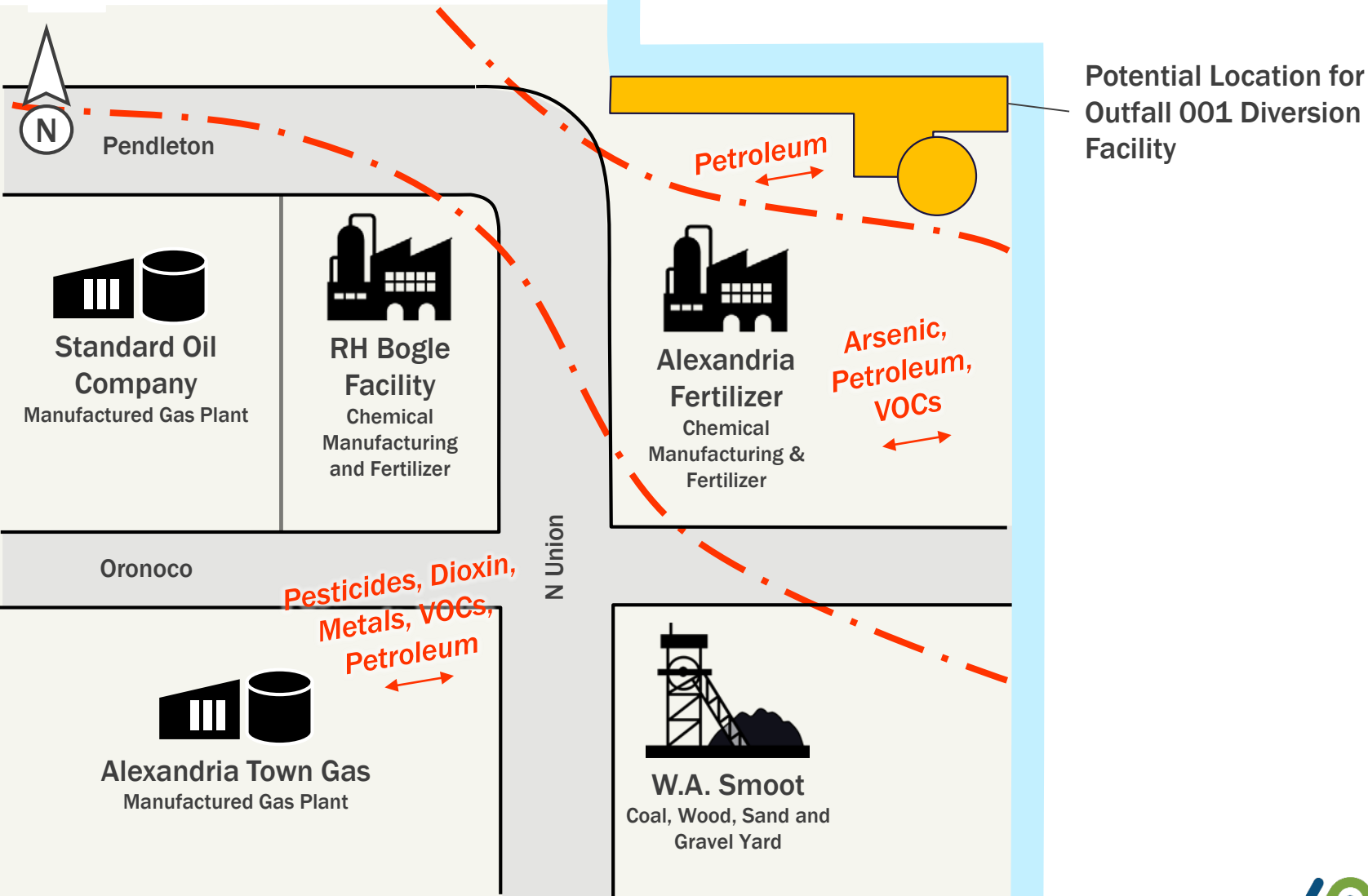


■ Clean ■ Dirty (Hauled to Landfill)

Dirty soil limits based Virginia Department of Environmental Quality standards

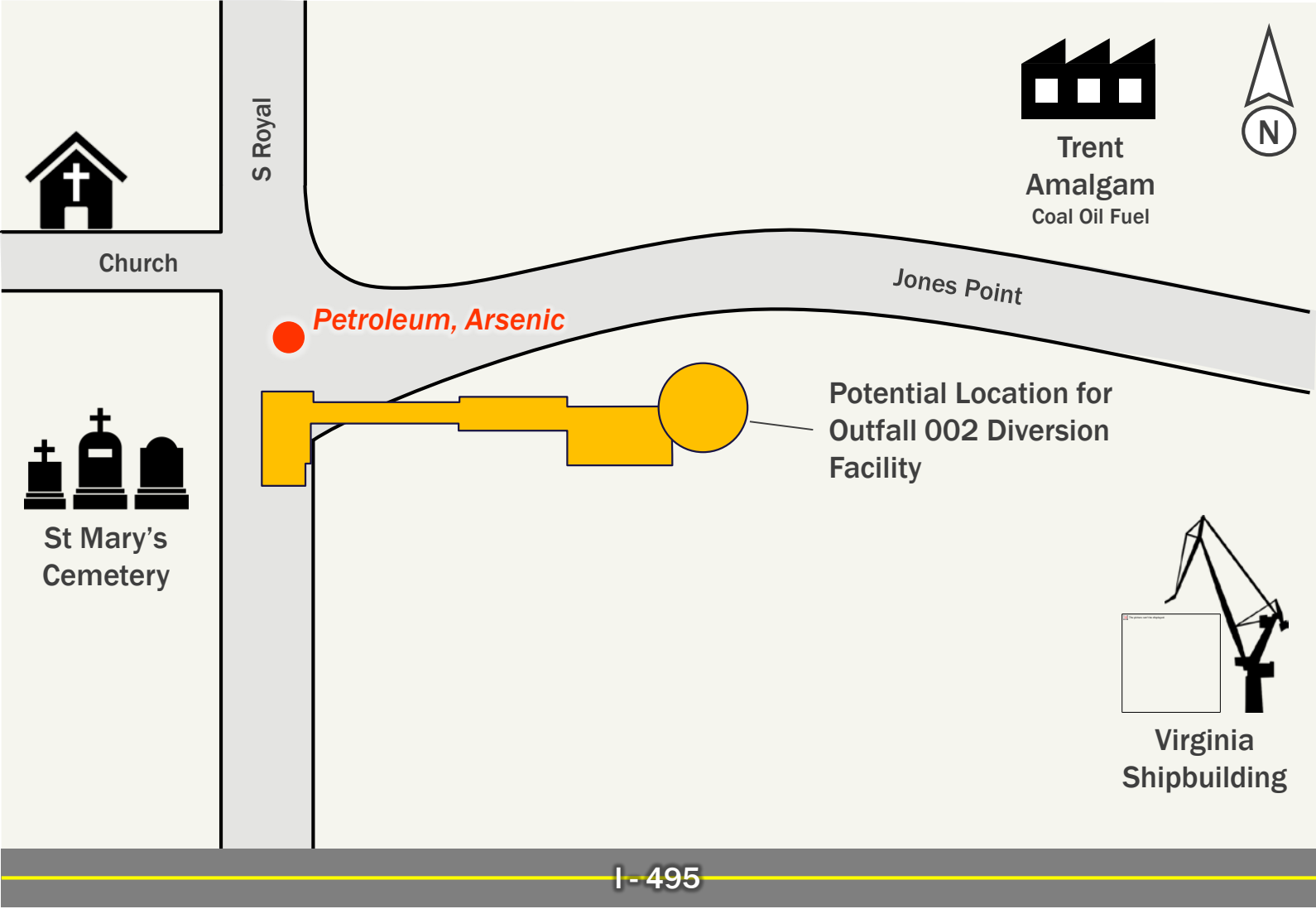


Historic Operations in the Vicinity of Outfall 001



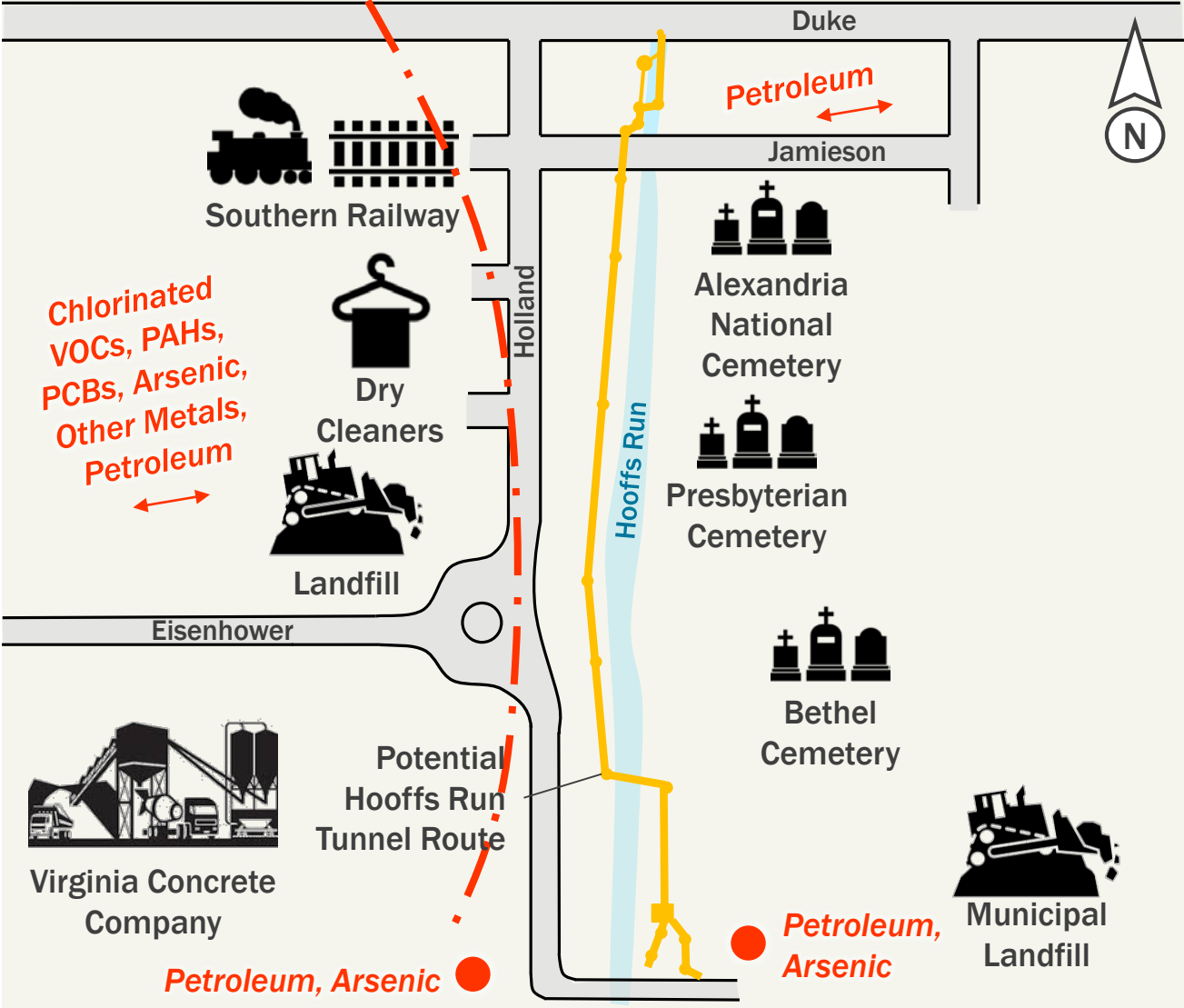
Arsenic attributed to primarily naturally occurring levels

Historic Operations in the Vicinity of Outfall 002



Arsenic attributed to primarily naturally occurring levels

Historic Operations in the Vicinity of Outfalls 003/4 and WRRF

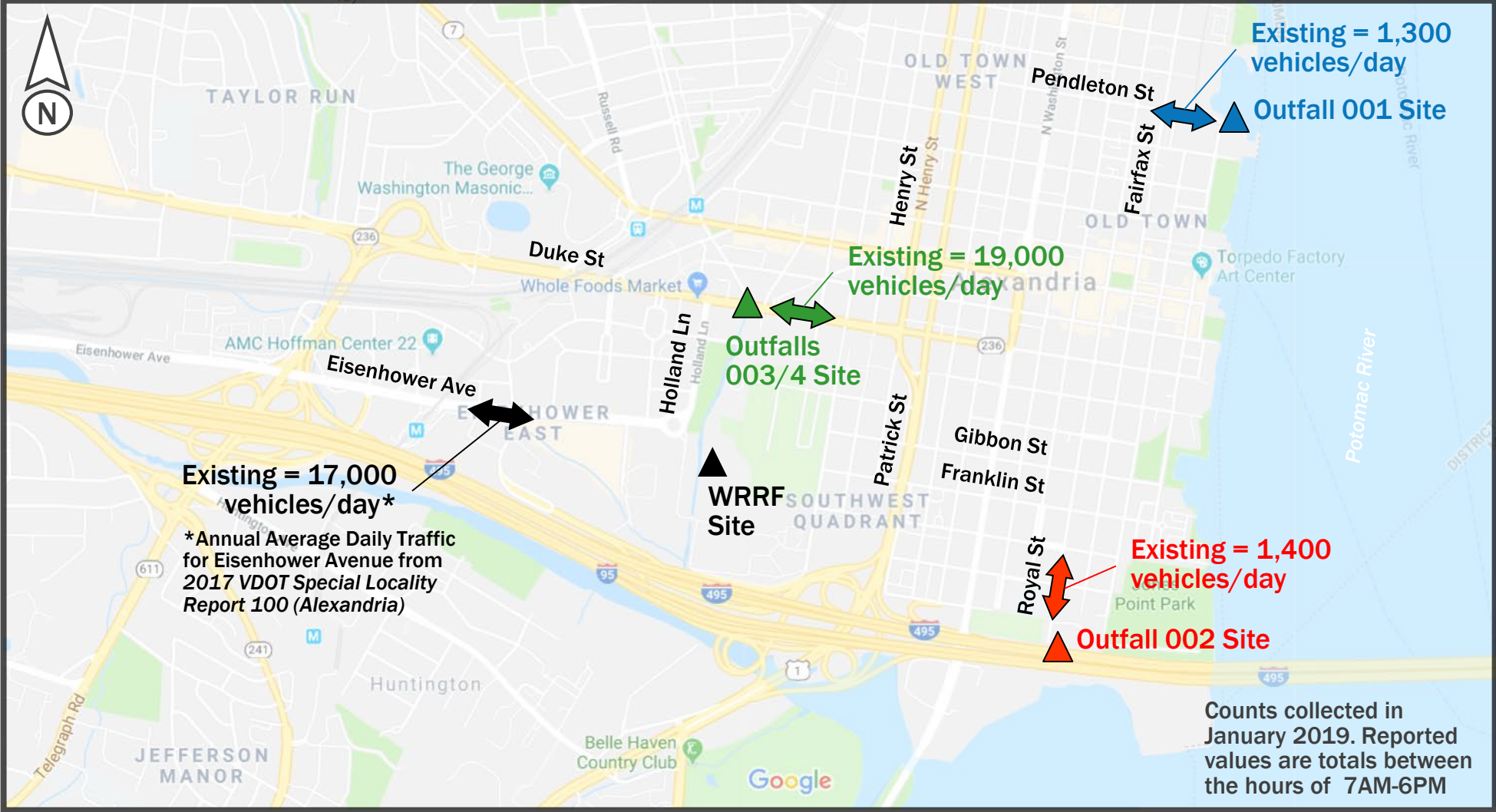


Arsenic attributed to primarily naturally occurring levels

Potential Haul Routes and Rates during Construction



Existing Traffic Volumes near Construction Sites

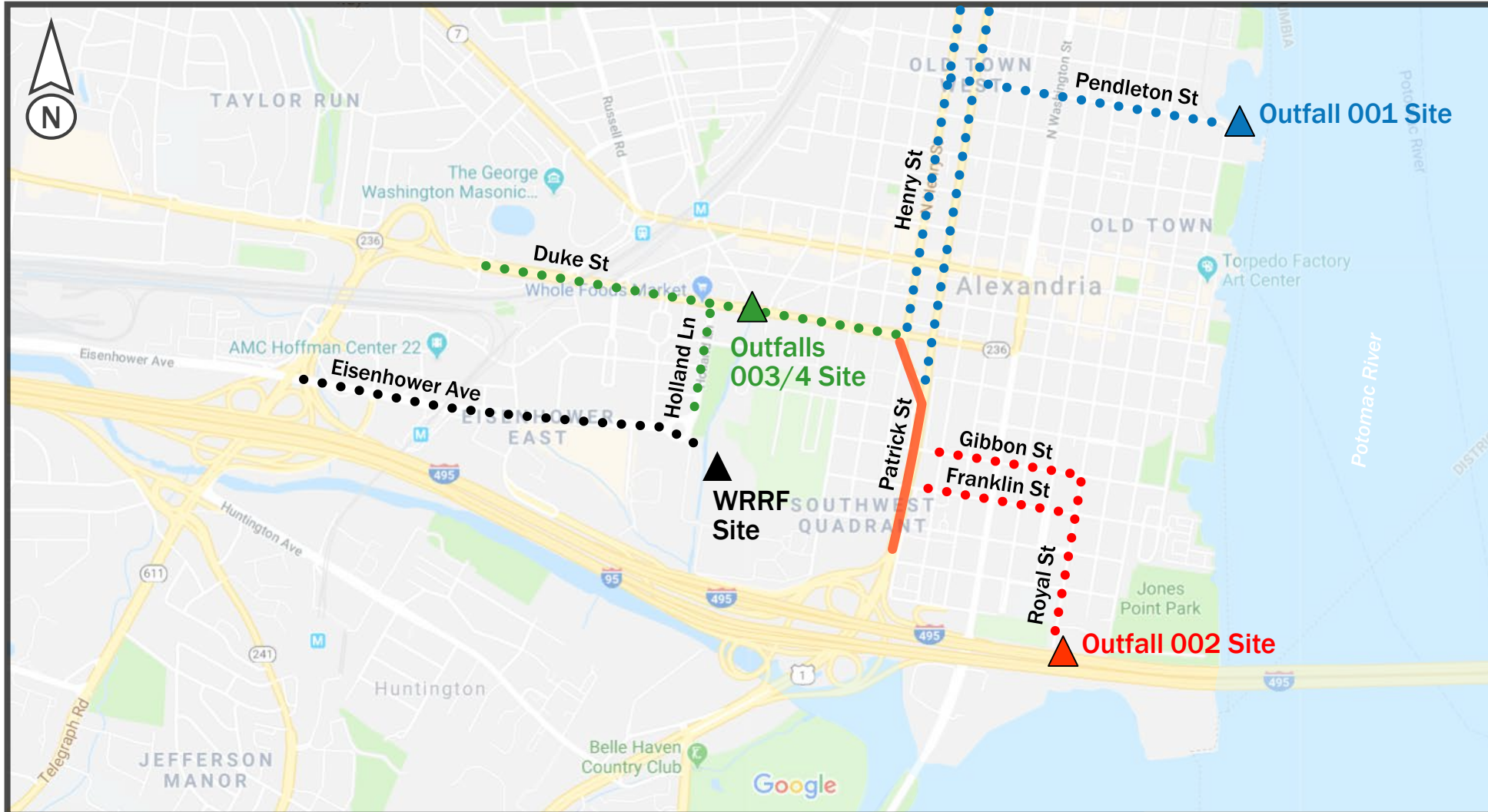


Counts collected in January 2019. Reported values are totals between the hours of 7AM-6PM

Note: Haul routes have been reviewed with the City Regulatory Team and will be at the discretion of T&ES.

Proposed Haul Routes for All Construction Sites

PEAK (NOT AVERAGE) RATE

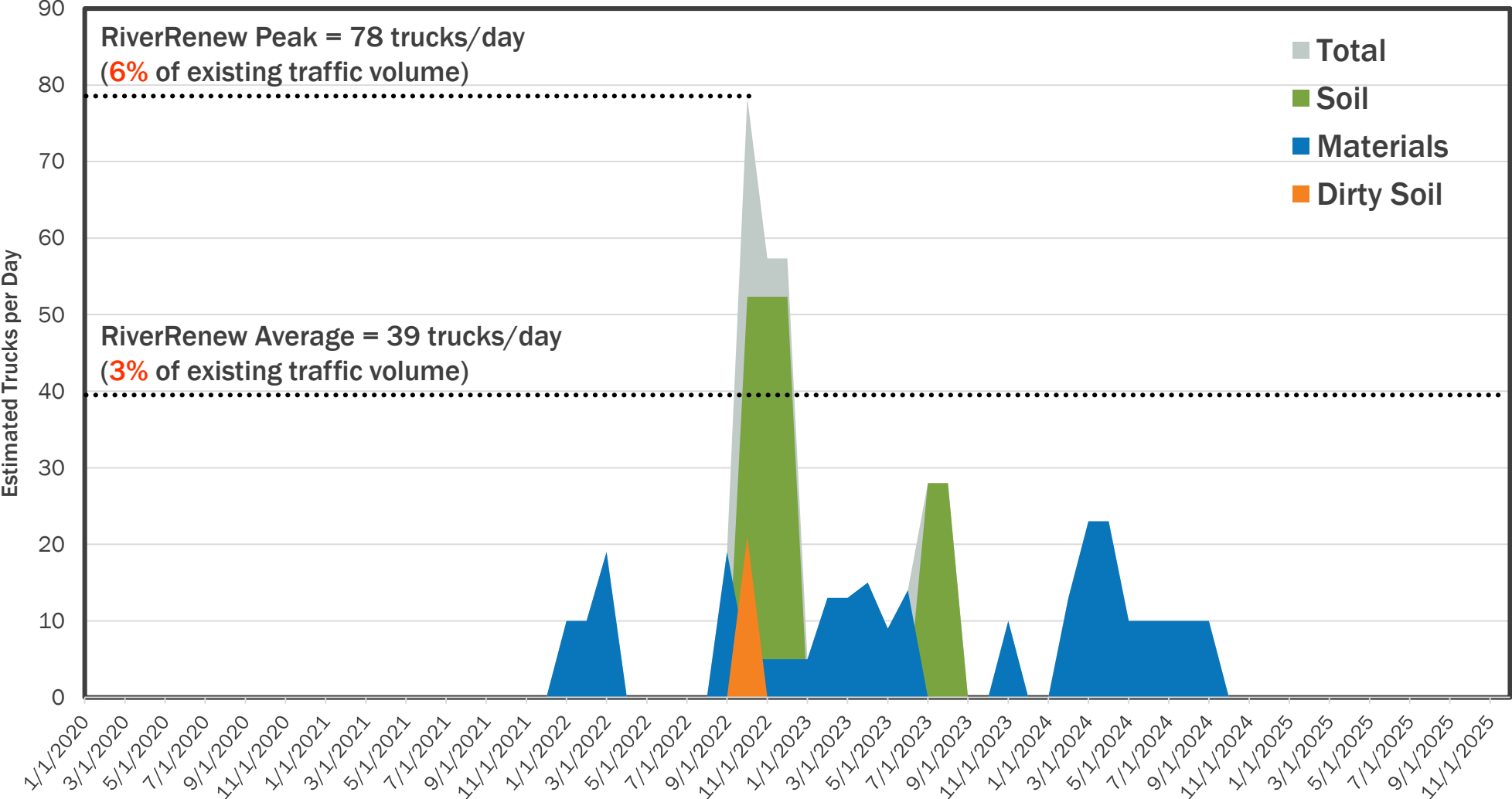


Line	Site	1 Truck Every
••••	001	9 mins
••••	002	11 mins
••••	003/4	16 mins
••••	WRRF	5 mins
—	Shared	5 mins

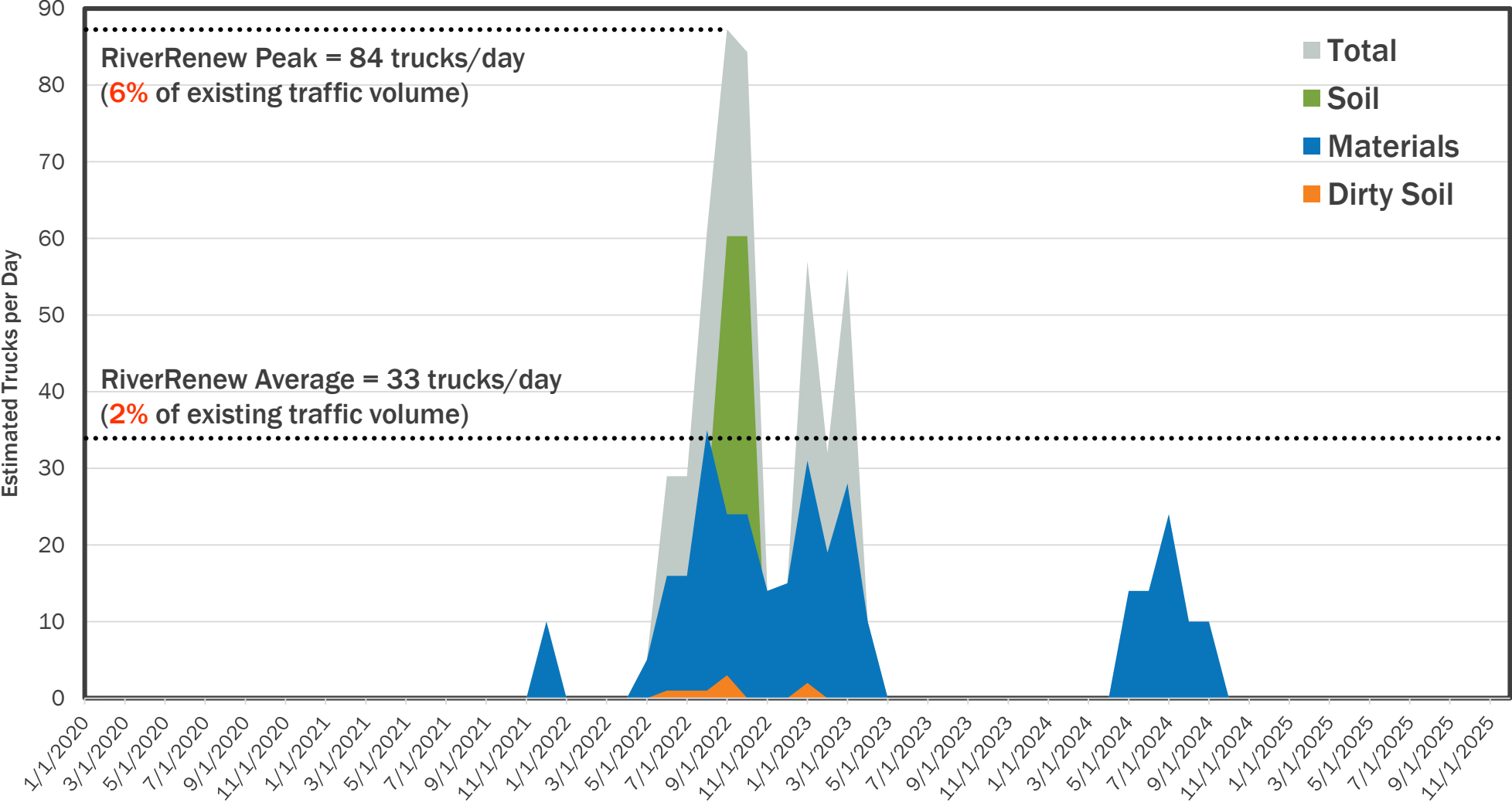
Assumes 7AM-6PM Work Hours

Note: Haul routes have been reviewed with the City Regulatory Team and will be at the discretion of T&ES.

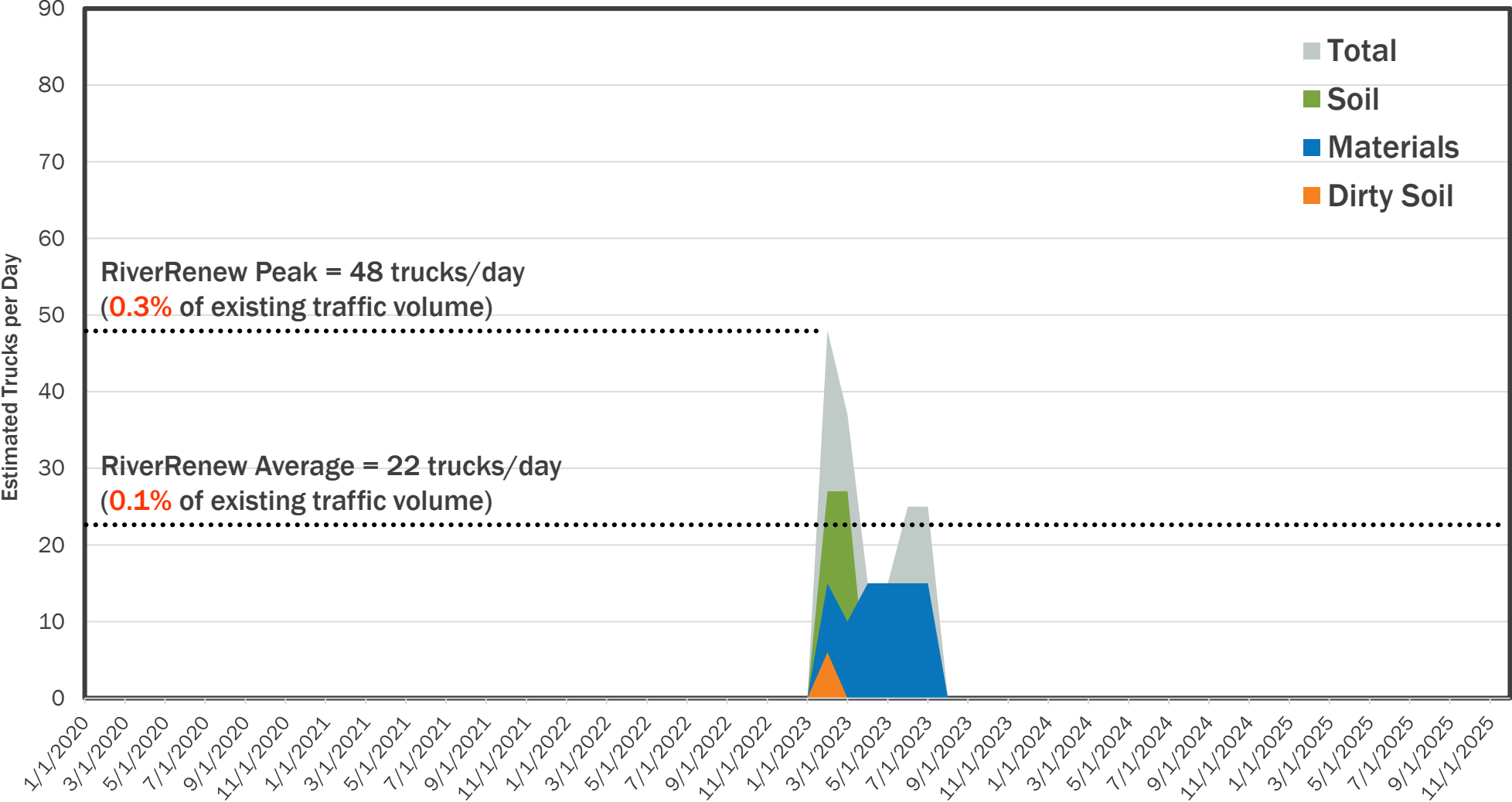
Estimated Outfall 001 Trucks per Day during Construction



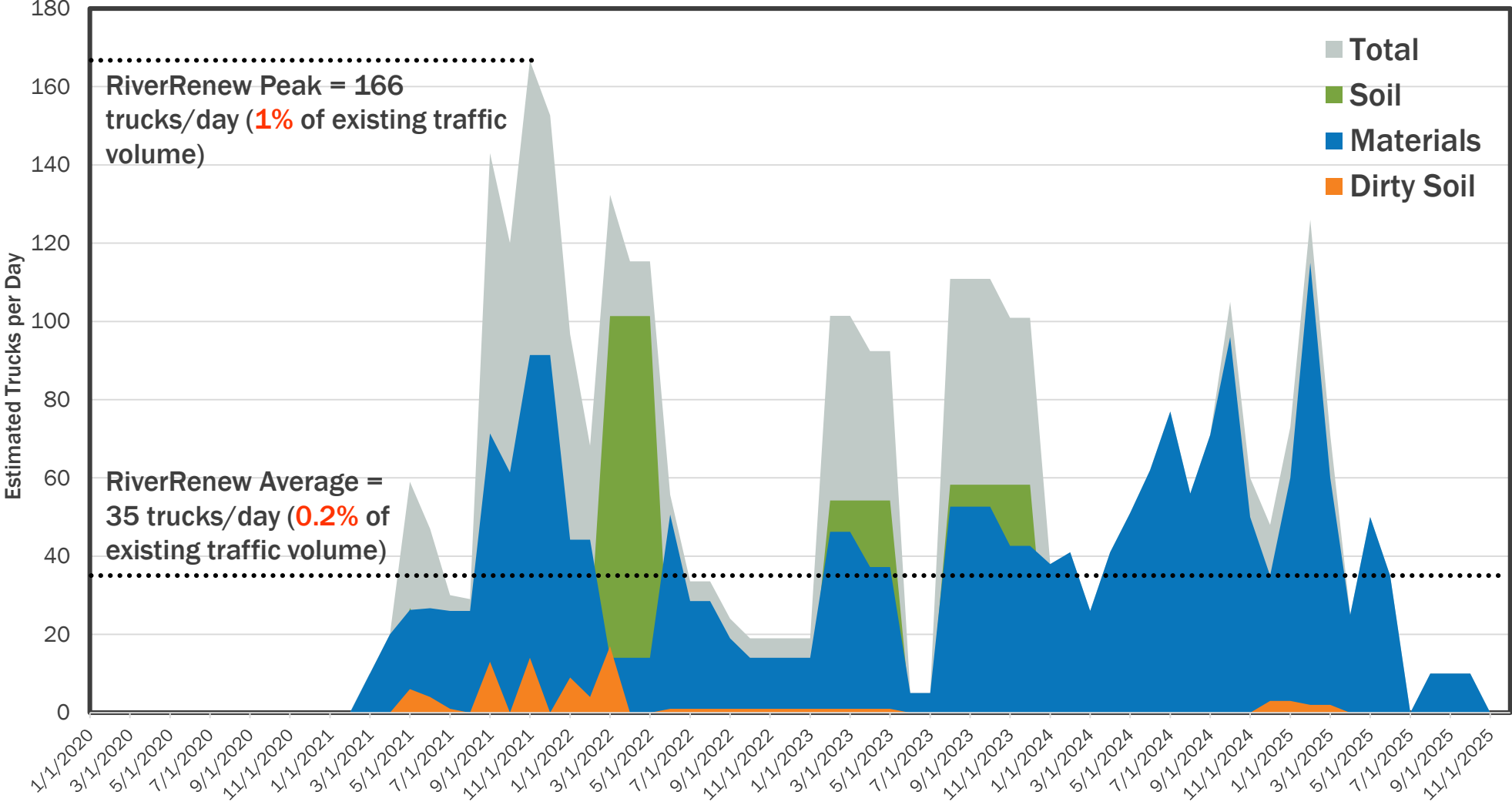
Estimated Outfall 002 Trucks per Day during Construction



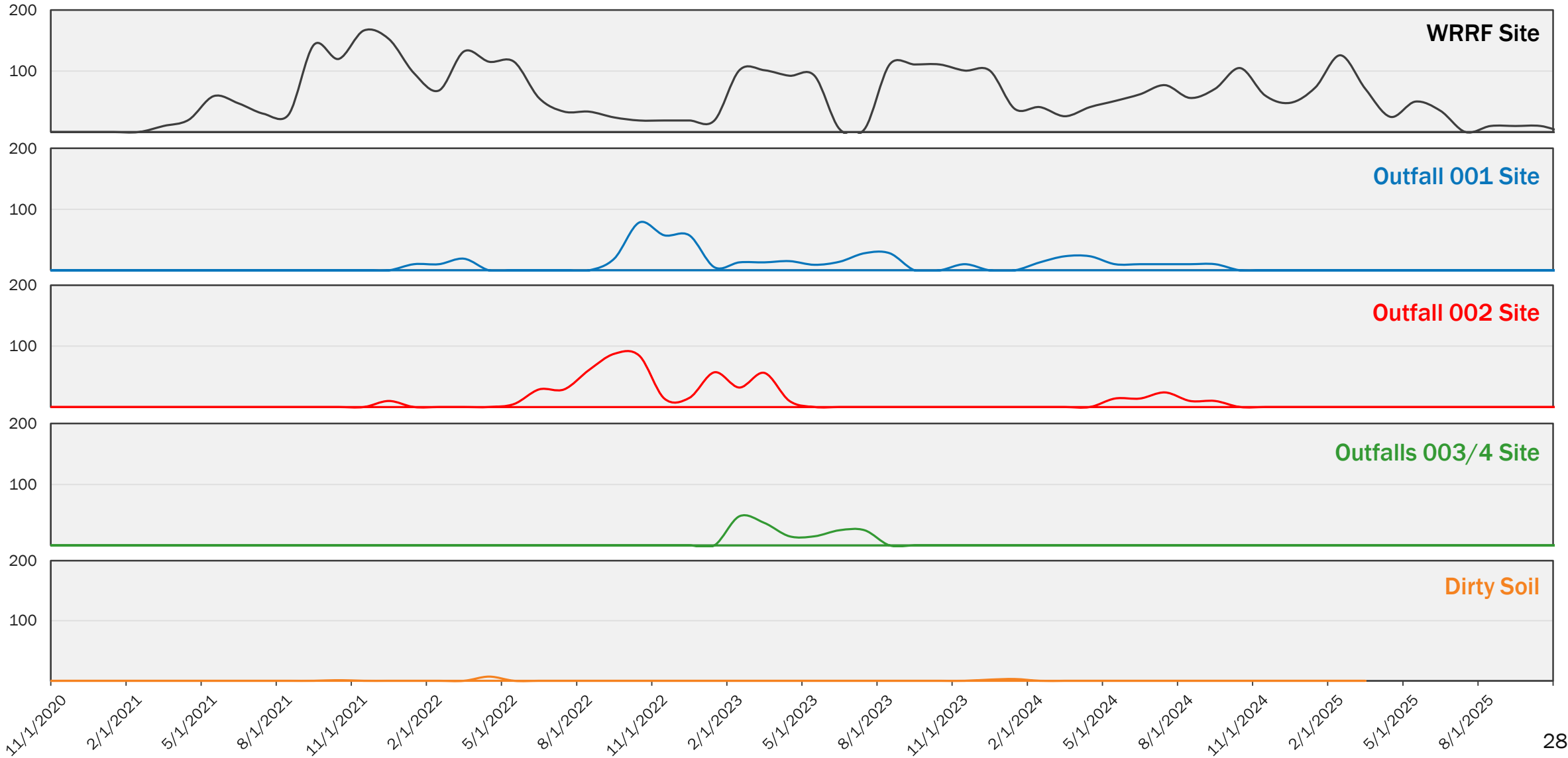
Estimated Duke Street Trucks per Day during Construction



Estimated Outfall 003/4 and WRRF Trucks per Day during Construction



Total RiverRenew Estimated Hauling – All Construction Sites



Potential Construction Practices for Soil Containment

Wheel Wash



Tarping



Street Sweeping



Hauling Inspector



Comparison of Outfall 001 Diversion Facility **Soil Volumes** to Other Approved Alexandria Waterfront Projects

Outfall 001 Diversion Facility

20,000 CY excavated soil



Robinson Landing

55,000 CY excavated soil + 15,000 imported soil = 70,000 CY



Robinson Terminal North

68,000 CY excavated soil + 17,000 CY imported soils = 85,000 CY



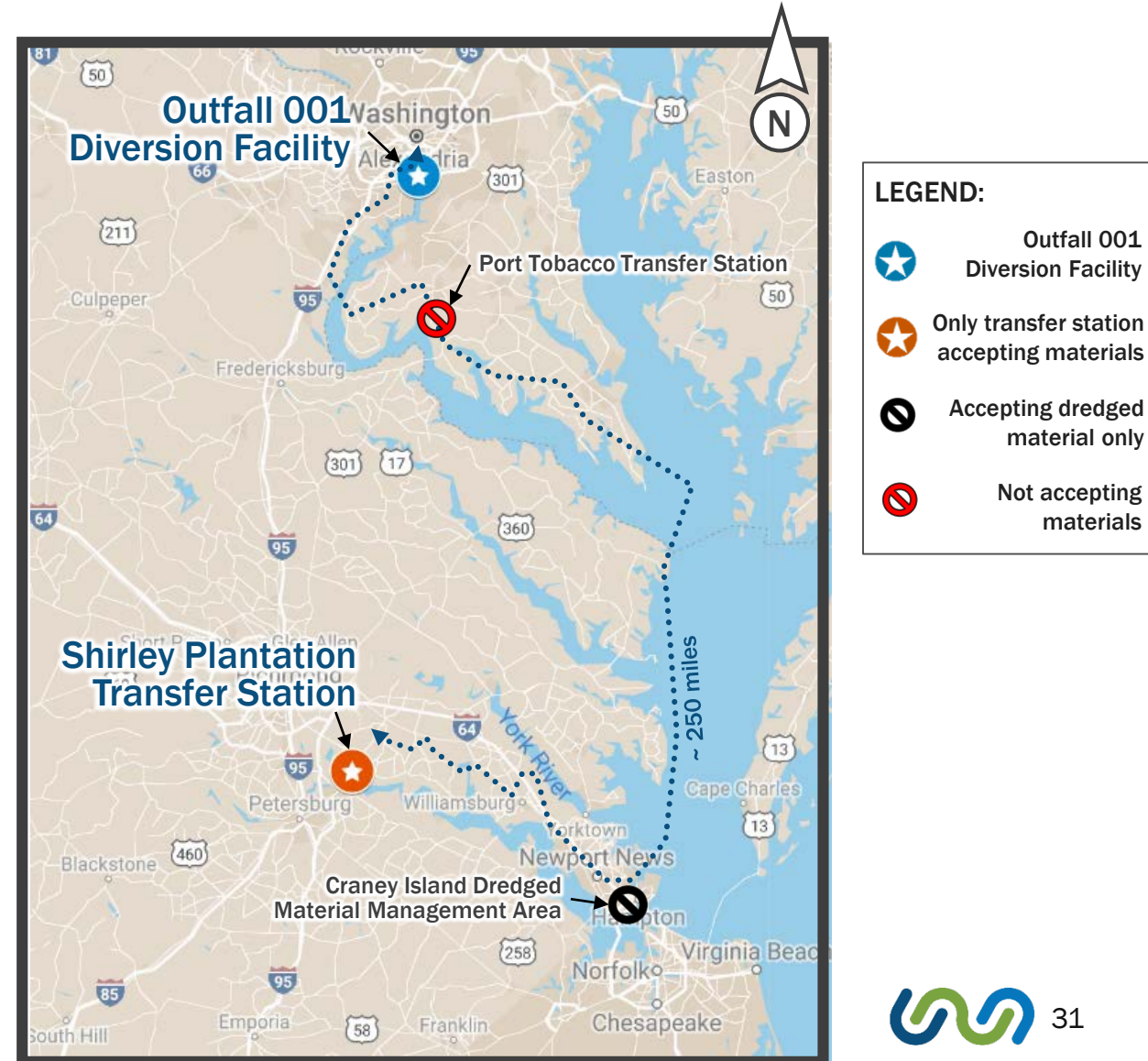
CY = Cubic Yards

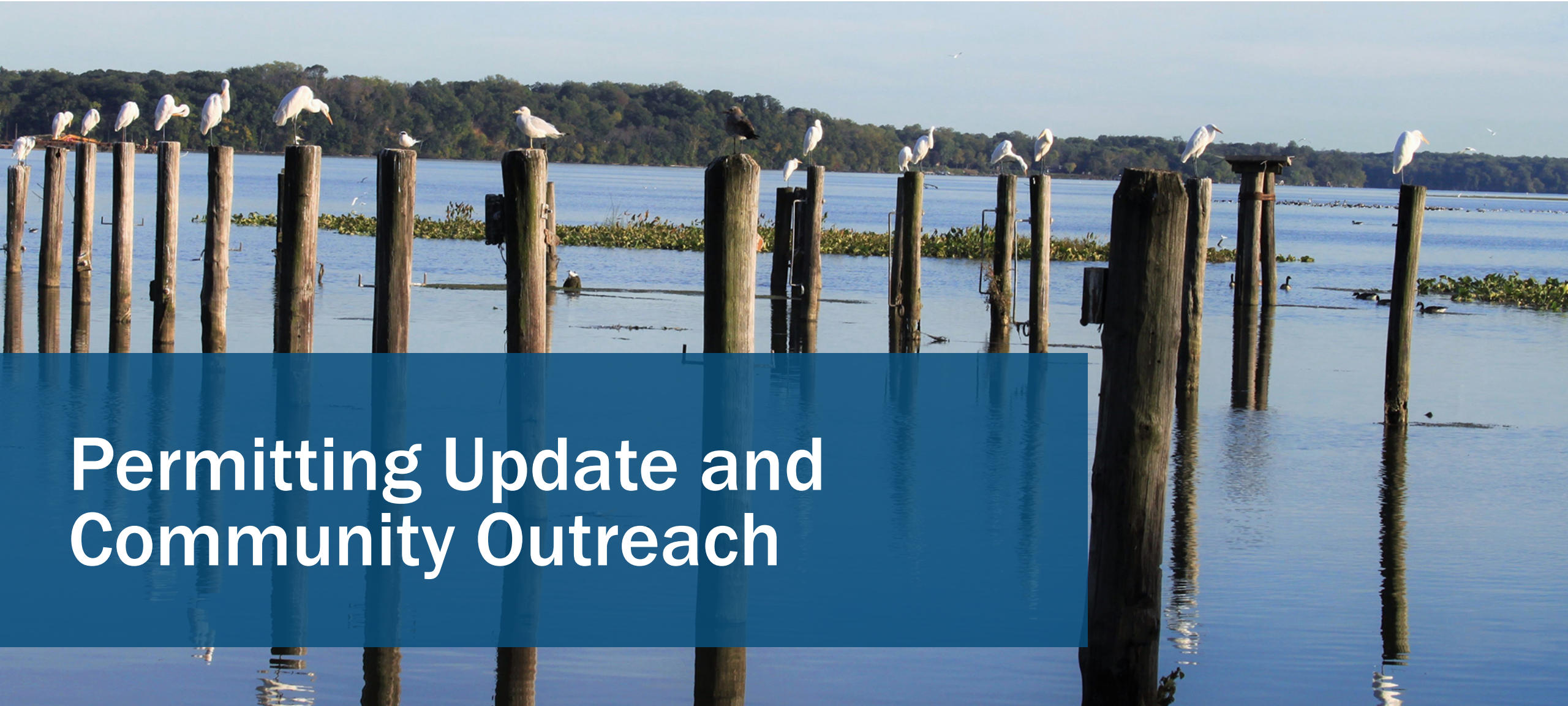
Barging Would Require a 500-mile Round Trip for a Small Amount of Soil

Transfer Station	Accepting Excavated Soil?	Approximate Distance from Outfall 001 Diversion Facility (miles)
Port Tobacco	No	70
Craney Island	No	180
Shirley Plantation	Yes	250

Barging Challenges

- Potential schedule impacts
- Cost increases
- Dredging of Potomac River bed may be required
- Stability of pier for construction use at Outfall 001
- Additional permitting requirements











Permitting Update and Community Outreach

RiverRenew Tunnel System Permit and Procurement Schedule

ACTIVITY	2018					2019					2020					2021													
	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N
Environmental Assessment (EA) ¹																													
Draft Development	[Blue bar]																												
NPS Review																													
Public Comment and Listening Sessions																													
NPS Issues Decision Document																													
Tunnel System DSUP ²	[Green bar]																												
Planning Commission Meeting																													
City Council Hearing, Issue DSUP																													
Pumping Station DSUP																													
Planning Commission Meeting																													
City Council Hearing, Issue DSUP																													
Procurement (Fixed Price Design-Build)																													
Request for Qualifications (RFQ)																													
Request for Proposal (RFP) Development	[Dark Blue bar]																												
Meetings with Design-Build Team																													
Notice to Proceed (NTP)																													
Construction																													

Legend:

-  Environmental Assessment
-  DSUP
-  Procurement
-  Construction
-  Milestone
-  Present Quarter

1) EA schedule subject to NPS actions; 2) DSUP: Development Special Use Permit

April 2019 RiverRenew Community Engagement Update

RiverRenew Stakeholder Advisory Group	RiverRenew Council-Board Workgroup	RiverRenew Rates Outreach	RiverRenew Environmental Assessment	Ongoing RiverRenew Activities
<p>Feb 27: Program Overview and Facility Construction</p>	<p>Jan 31: Program Progress Summary and Tunnel Naming</p>	<p>Mar 28: Press Release</p>	<p>May 2019 Community Listening Sessions*</p>	<p>Apr 10: 2ND edition of the <i>River Renower</i> eNewsletter</p>
<p>Mar 26: Approach to Minimize Community Impacts and Rates</p>	<p>Apr 24: Rate Adjustment Summary, Technical and Permitting Updates</p>	<p>Apr 2019: Outreach to Condominiums, HOAs, and Civic Associations</p>	<p>* Schedule dependent on National Park Service Schedule for Environmental Assessment</p>	<p>RiverRenew.com Regular Program Updates</p>
<p>May 1: Preparation for Community Listening Sessions</p>		<p>Apr 27: Earth Day Apr 28: Open House</p>		<p>Social Media</p>




Upcoming Community Listening Sessions

May 2019 Community Listening Session Planning Outline

- Plan to hold at four locations within a two-week period
- Will discuss Environmental Assessment
- Will be held within the 30-day Comment Period hosted by the National Park Service

Please join us!



The image shows a promotional graphic for RiverRenew. On the left is a blue vertical bar with the RiverRenew logo (a stylized 'S' shape) and the text 'RiverRenew INVESTING IN HEALTHIER WATERWAYS FOR ALEXANDRIA'. Below the logo, it says 'Save the date for these community events.' and 'RiverRenew is hosting four events in September to discuss the RiverRenew program and receive your feedback on the routes and locations of the proposed tunnel system to remediate Alexandria's combined sewer system.' It also states 'The RiverRenew team will be on hand to provide information, answer your questions, and receive your comments.' and 'Please attend any or all. Visit www.riverrenew.com/community to learn more.' On the right is a photograph of a duckling in water. Overlaid on the bottom of the photo is the text 'Community Listening Sessions' and four green boxes, each containing 'May 2019'. At the bottom right of the photo, it says '*Open House and National Park Service Scoping Meeting' and 'SEE DETAILS ON BACK >'.



Upcoming Workgroup Meetings

Board Council Workgroup Input Requested

- ▶ Future Topics for Discussion (procurement)
- ▶ Next meeting time/date (late July)
 - Wednesday, July 24, 2019
 - 5pm – 7pm;
 - AlexRenew Offices, Conference Room EC 600 Semonian Board Room – 1800 Limerick Street, Alexandria, VA 22314

Discussion and Input

