

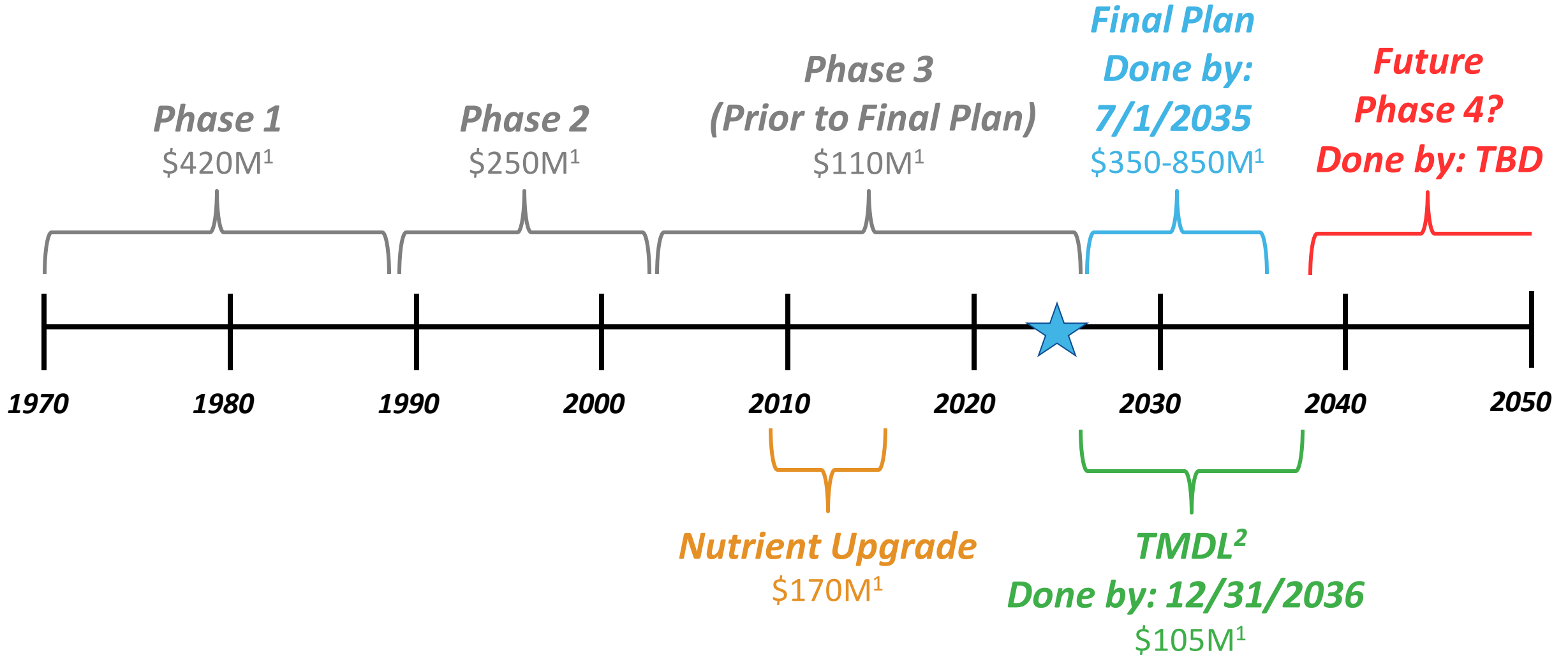


Combined Sewer System Program Update

Government Operations Committee
October 25, 2023



Combined Sewer System Investment Timeline

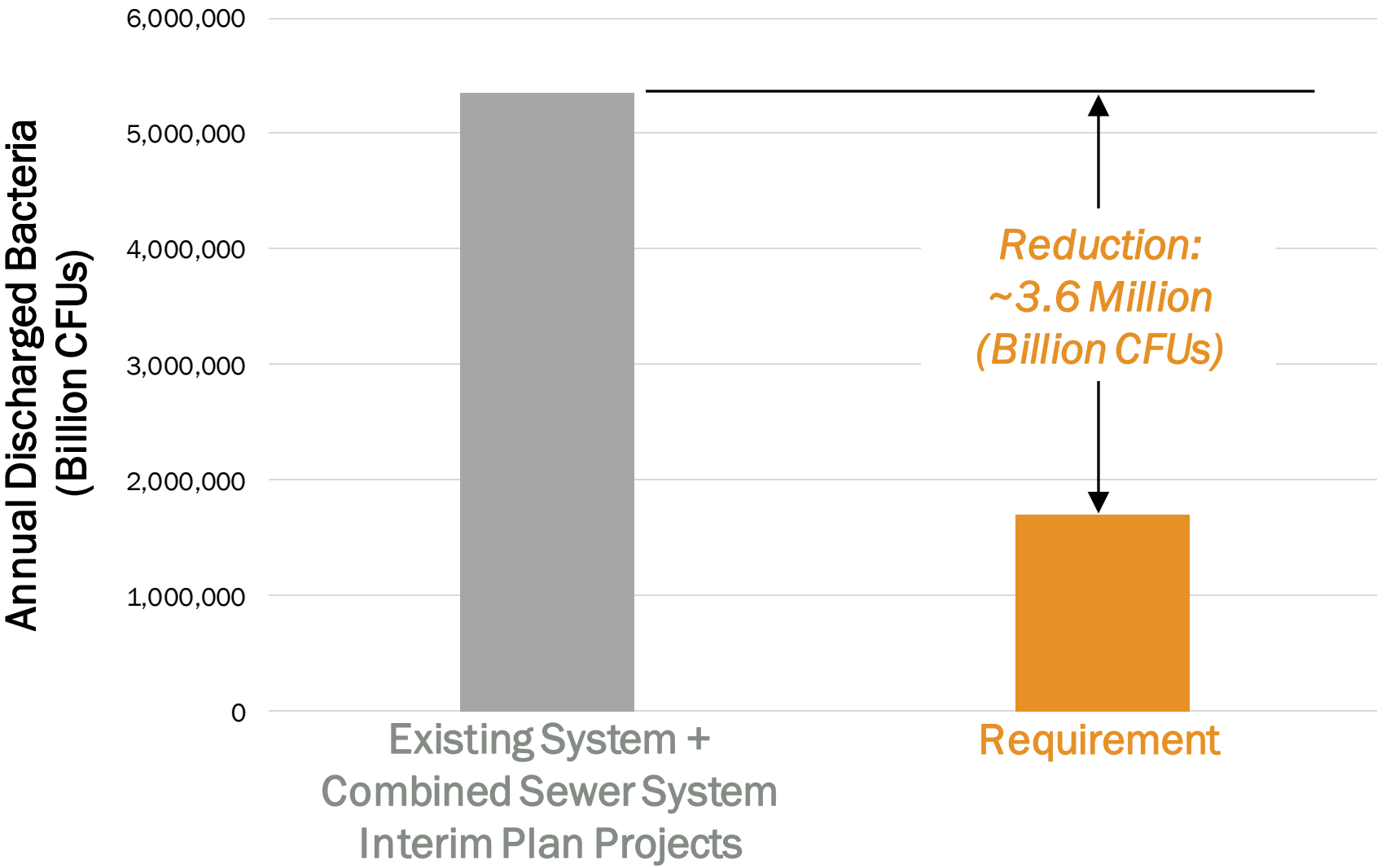


1. Cost in August 2023 Dollars
2. James River Bacteria TMDL (Total Maximum Daily Load)

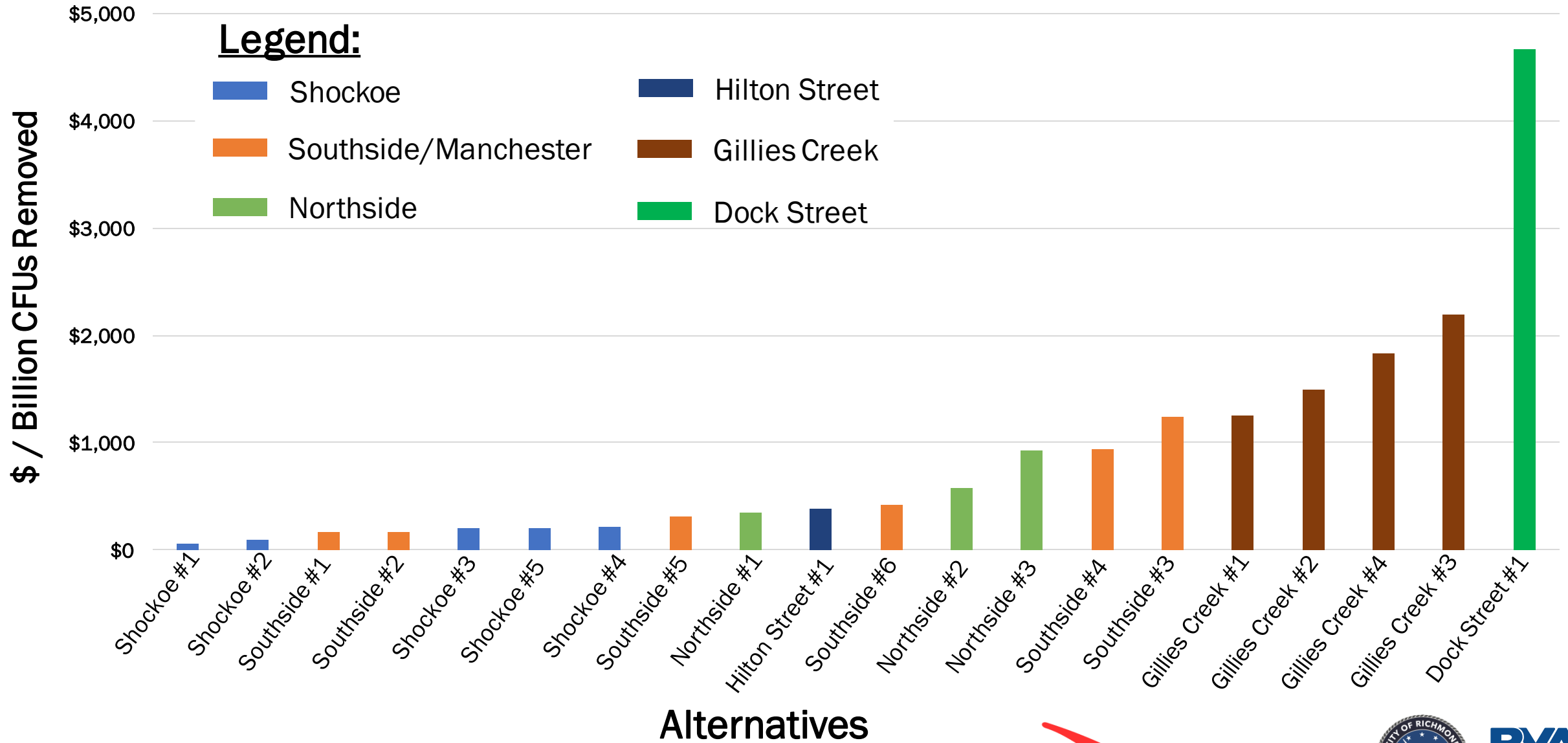


Bacteria Reduction for the James River

Existing Requirements



Cost-Effectiveness – Proposed Projects

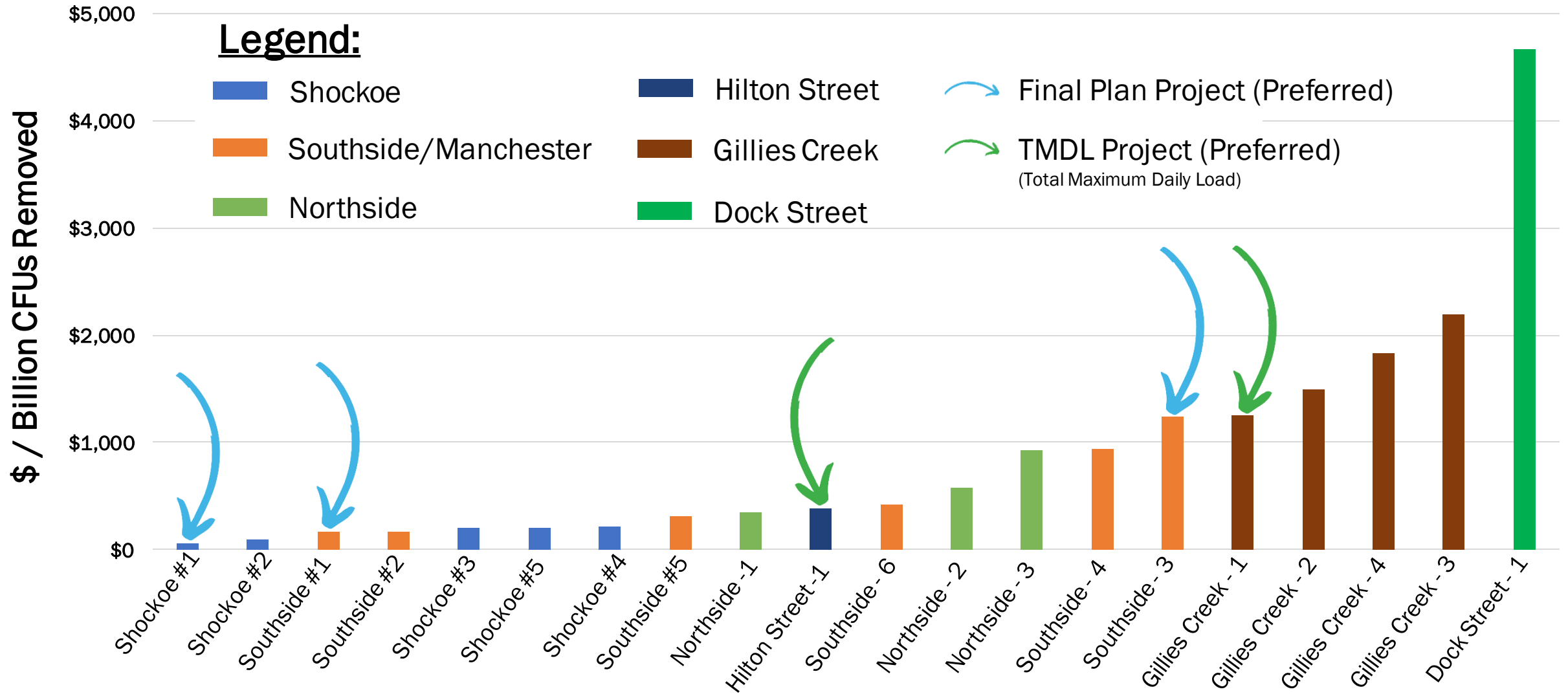


Decreasing Cost-Effectiveness

Alternatives



Preliminary Proposed Projects:



Alternatives

Decreasing Cost-Effectiveness



Preliminary Projects

CSO 031 Storage Tank
ARPA Funded
(Gillies Creek #1)



Legend



Final Plan Project



TMDL Project
(Total Maximum Daily Load)

James River

High - Rate Disinfection
(Shockoe #1)



Gillies Creek

Canoe Run Storage Tank
(Southside #1)



CSO 021 Storage Tank
(Southside #3)



CSO 012 Separation
ARPA Funded
(Hilton Street #1)



Almond Creek

Advocacy Is Needed from City Council

Our Immediate Needs:

- ❑ **Advocacy!**
- ❑ **Restore \$100M of FY23 state funding**
- ❑ **\$200M in the next state budget**

A RESOLUTION No. 2022-R025

To express the City Council's support for highly prioritizing appropriations for the construction of combined sewer system plan projects by July 1, 2035, to improve water quality in the James River in a financially sustainable manner.

Patrons – Mayor Stoney, Ms. Lambert, Ms. Jordan, Mr. Jones and Ms. Nye

Approved as to form and legality
by the City Attorney

PUBLIC HEARING: MAY 9 2022 AT 6 P.M.

WHEREAS, the water quality of the James River is vital to the City's environmental and public health, recreation, tourism, and economy; and

WHEREAS, the City's combined sewer system, hereinafter referred to as the "CSS," built in the late 1800s, carries both storm water and sanitary sewer water to the City wastewater treatment plant from approximately 19 square miles of the city, a combined sewer system area comparable to that of Washington, D.C.; and

WHEREAS, under dry weather conditions, the City's CSS adequately handles storm water and sanitary water, but during significant rain events, the combined sewer system overflows; and

WHEREAS, the City has spent \$315,000,000.00 on CSS improvements over several decades to reduce combined sewer overflows, hereinafter referred to as "CSOs," by 3,100,000,000

AYES: 9 NOES: 0 ABSTAIN: _____

ADOPTED: Jun 13 2022 REJECTED: _____ STRICKEN: _____

Sep 7, 2023 - News

Virginia budget leaves out money to stop waste from flowing into James River

Ned Oliver

State funding for Richmond sewer project stripped out of budget deal

'Everybody doesn't get everything they want'

By CHARLIE PAULLIN - SEPTEMBER 6, 2023 6:32 PM



A combined sewer overflow outfall on the James River near downtown Richmond. (Sarah Vogelsong / Virginia Mercury)

ALERT TOP STORY

BUDGET AGREEMENT

Richmond sewer overflow funding dropped in state budget agreement

Dave Rees Sep 5, 2023 28



ush for funding for combined sewer overflow projects.



A Cleaner James River for ALL

Public Health, Recreation, Tourism, Economy

