

Ground Rules

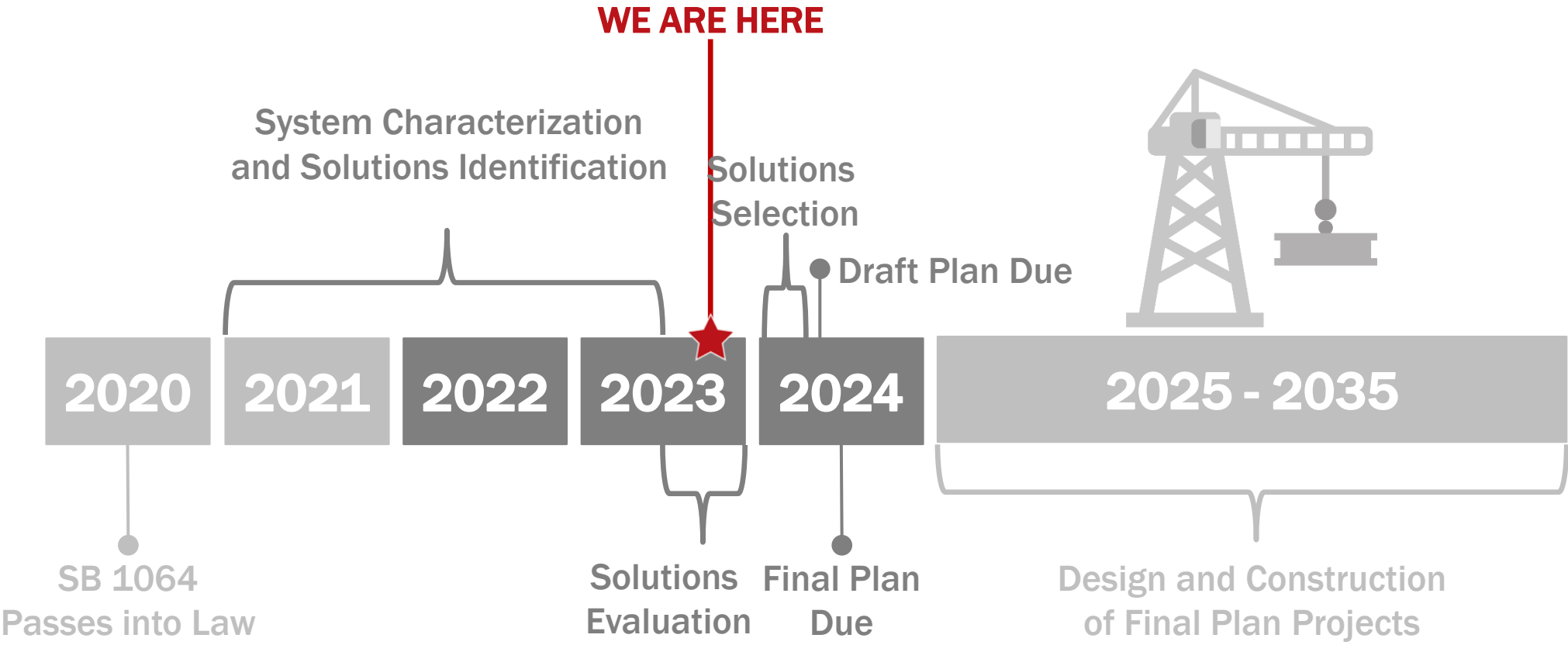
- Remember why you're here:
 - Review and monitor the development of the Final Plan
 - Provide input and insight from your communities
 - Share progress with your communities
- Be respectful of others
- Be present and focused during meetings
- Be additive, not repetitive, during discussions
- Everyone should participate and no one should dominate
- Be clear when you're speaking if you're sharing your own thoughts or input provided by those you represent
- There are no stupid questions! Ask!
- Be open to new ideas
- Don't talk over people or interrupt
- Moderator will make note of group members who raise their hands to speak; or, wait to speak
- If there are 7 seconds of silence, we can move on from a discussion topic

Today's Agenda: Public Stakeholder Group Meeting #9

- Qualitative Evaluation
 - Survey Results
 - Weighting
 - Scoring Example
 - Scores
- Proposed Preliminary Selections



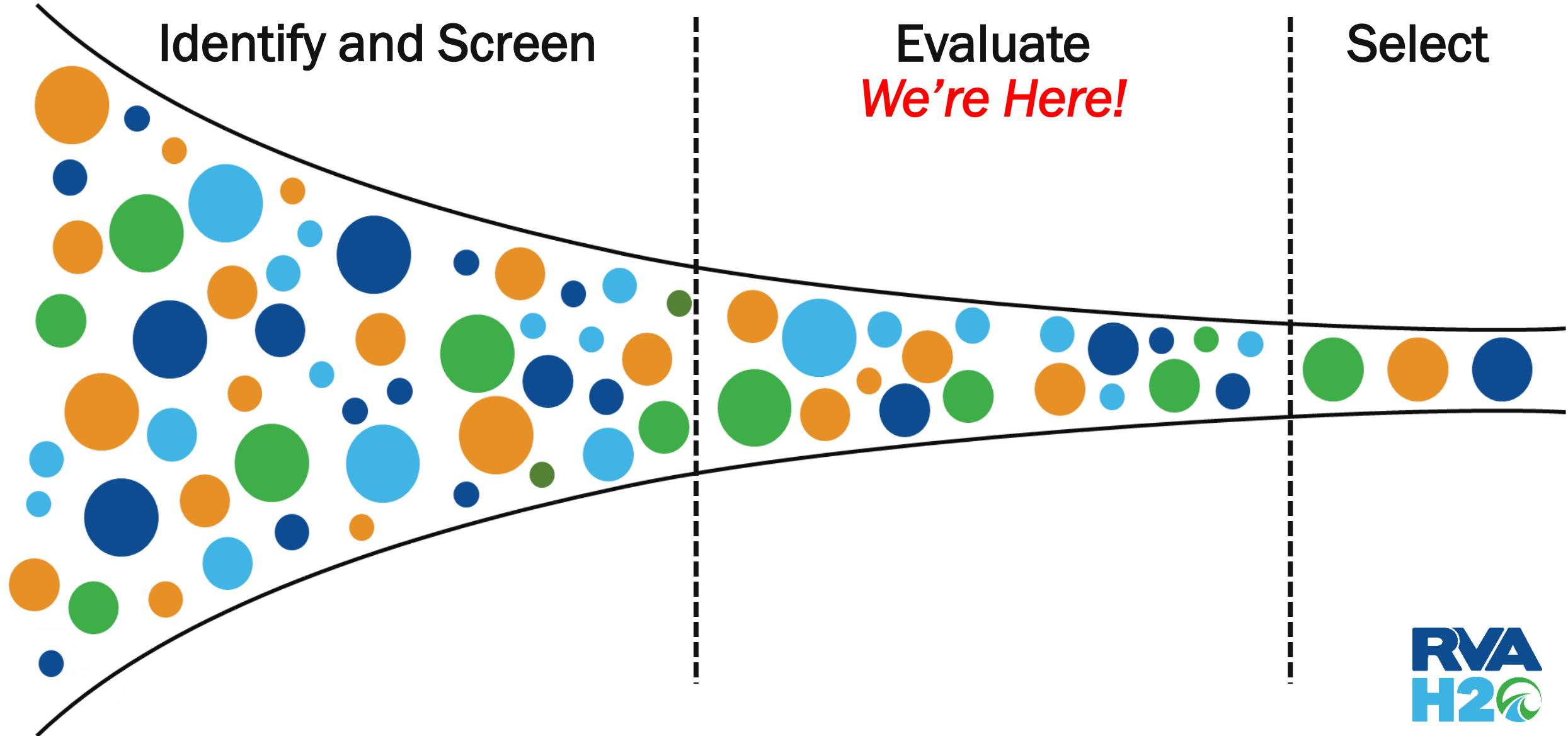
The Process: Developing the Final Plan



THE CULMINATION OF OUR WORK



Solutions Discussion



Solutions Evaluation Criteria



Solutions Evaluation Criteria

Qualitative Criteria

Evaluate benefits and impacts that are not captured in cost/performance criteria:

1. Constructability
2. Operations and Maintenance
3. Land Use and Permitting
4. Community
5. Adaptability and Resiliency



Solutions Evaluation Criteria

Qualitative Criteria – Survey Responses

Final Plan Qualitative Criteria Weighting Questionnaire

1. Name

2. Qualitative Criteria Weighting Questionnaire

	Not Important at All	Somewhat Important	Important	Very Important	Extremely Important
1. Estimated Project Schedule	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Utility Conflicts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Overlap with Capital Improvement Projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Land Acquisition or Construction Easements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Group	# of Responses
Public Stakeholder Group	10
Department of Public Utilities	7
Parks and Recreation	6
City Administration Office	2
Office of Sustainability	1
City of Richmond Libraries	1
Total	27



Solutions Evaluation Criteria

Qualitative Criteria – Survey Results (27 Responses)

**More
Important**



**Less
Important**



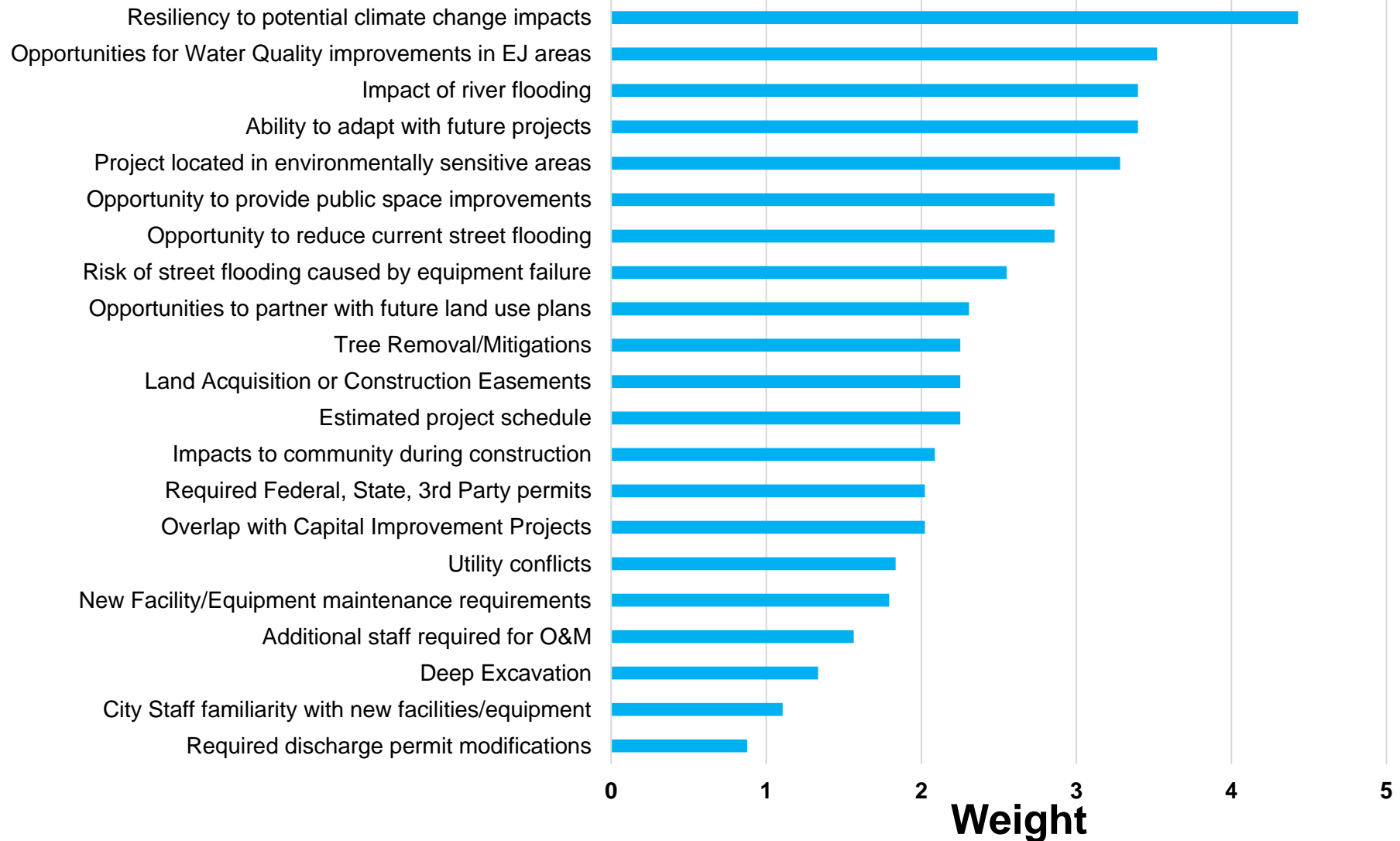
Solutions Evaluation Criteria

Qualitative Criteria – Final Weighting

**More
Important**



**Less
Important**



Solutions Evaluation Criteria

Qualitative Criteria CSS Example

New Storage Tank at a City-Owned Park

Weight x Score = Weighted Score

Topic	Topic Scoring		Weight (1-5)	Score	Weighted Score
Water Quality Improvements in Environmental Justice Areas	2	Yes	5	2	10
	1	Adjacent			
	0	No			
Impacts to community during construction	2	None	4	0	0
	1	Traffic Detours/Noise			
	0	Road/Park Closures			
Land/Easement Acquisition	2	None	2	2	4
	1	Easements Required			
	0	Land Acquisition Required			

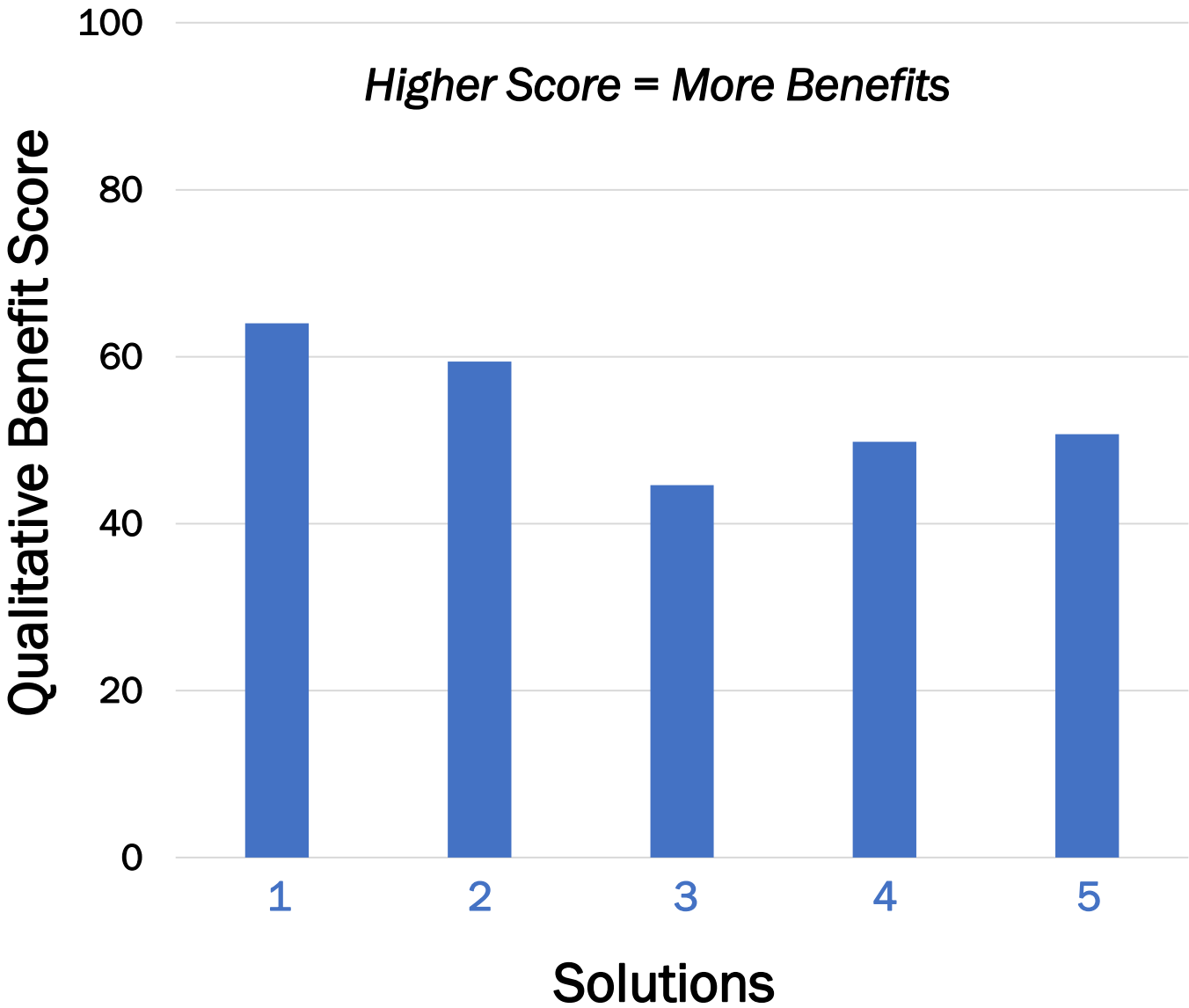
Total Weighted Score = 14



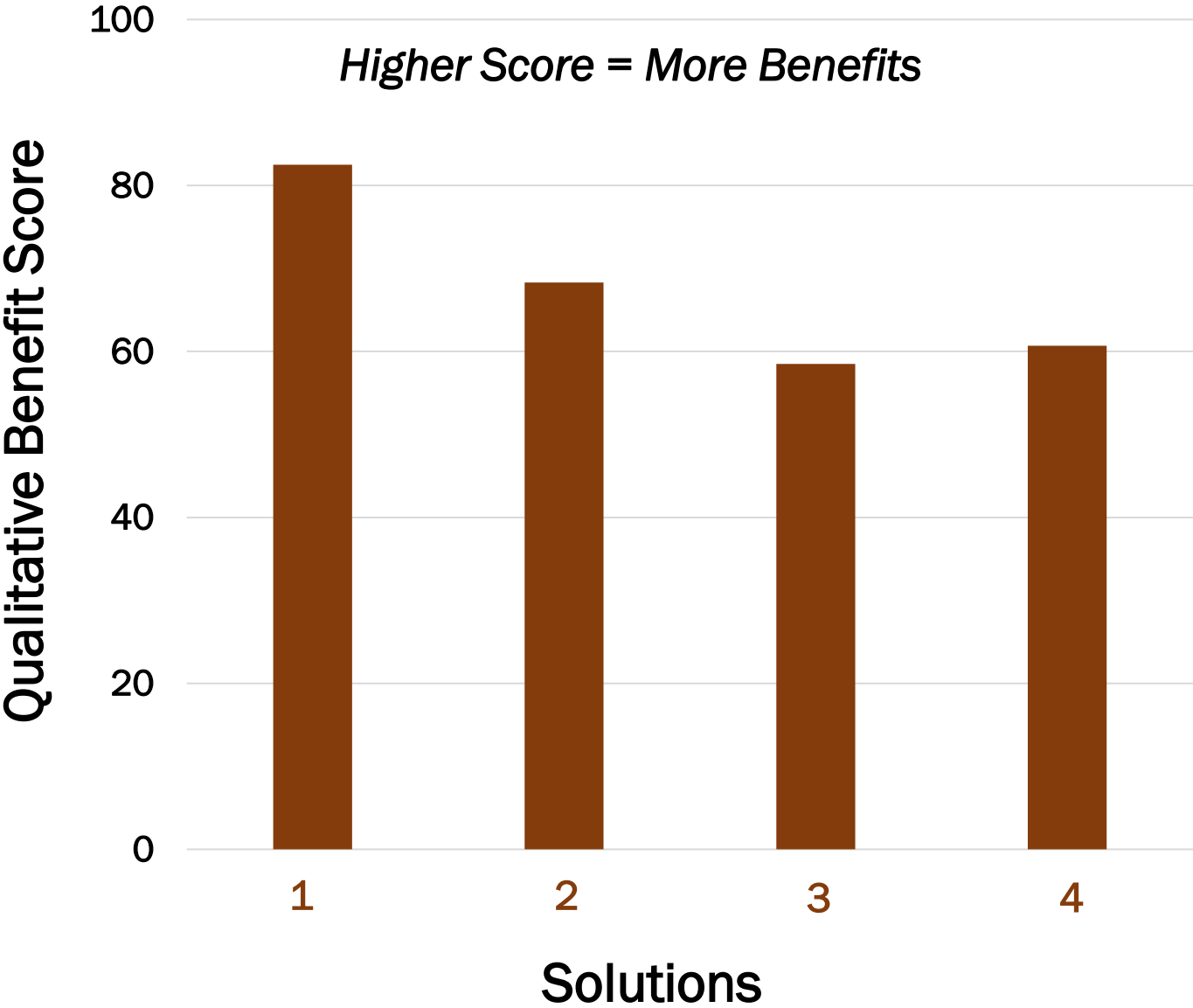
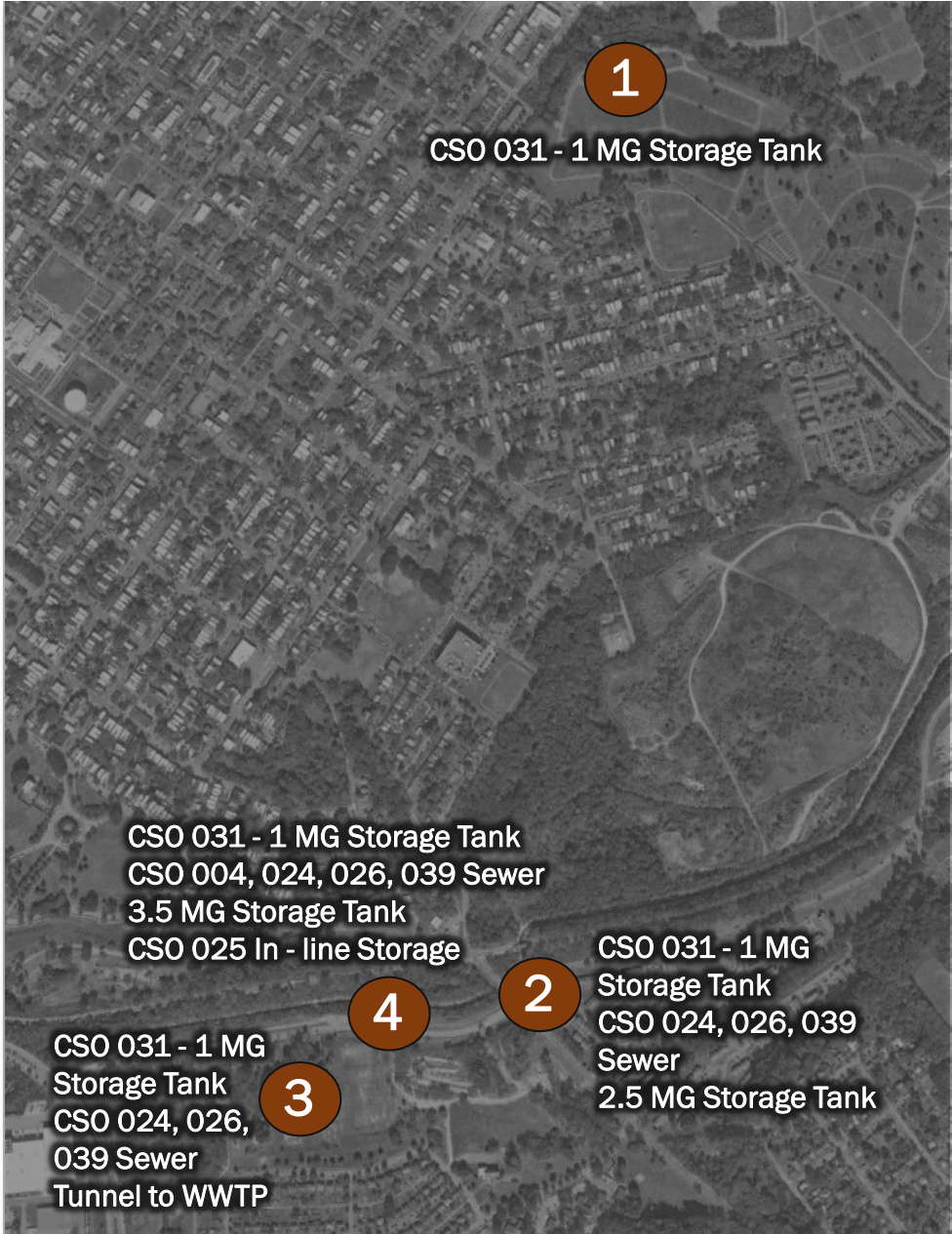


Solution Evaluation

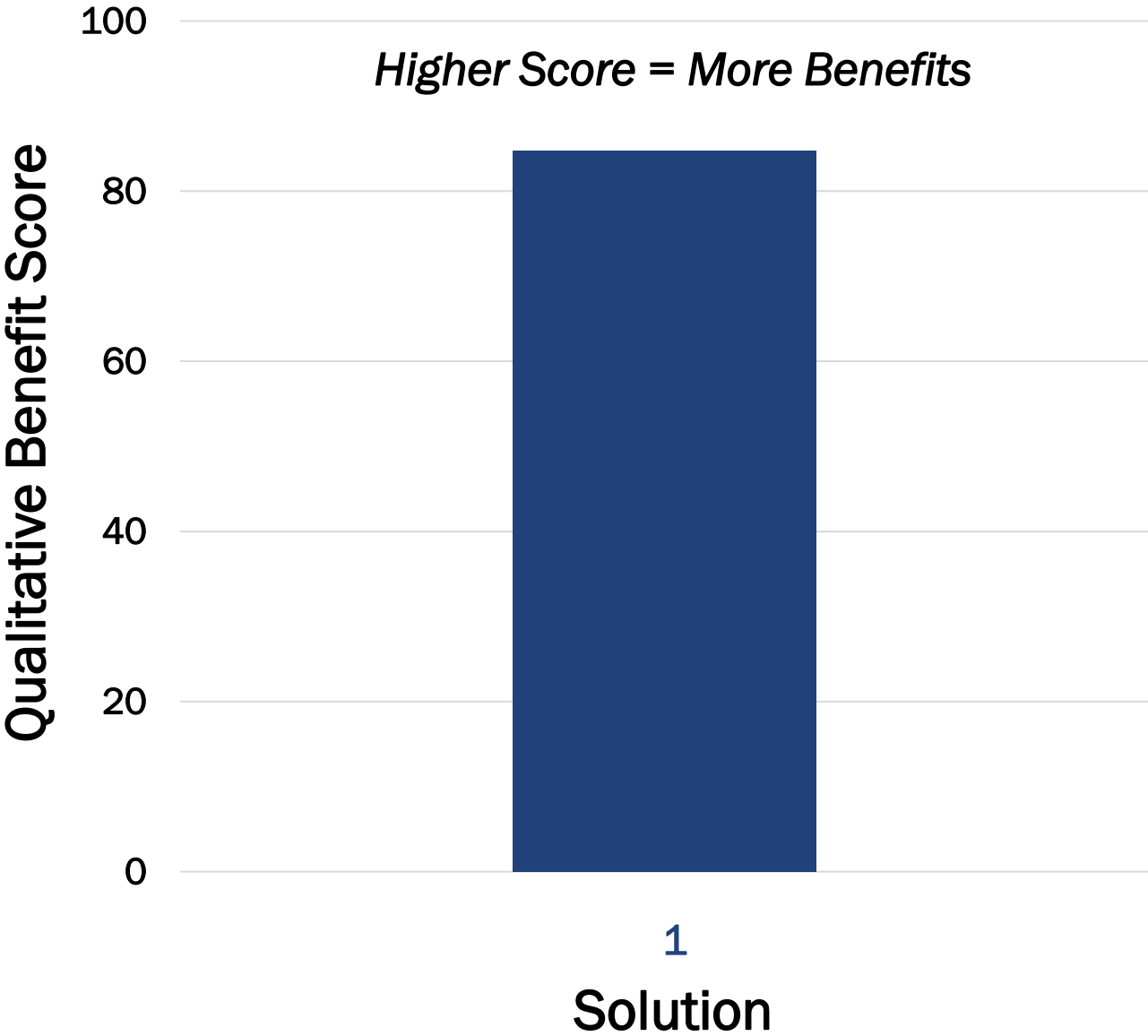
Shockoe Solutions – Qualitative Benefit Score



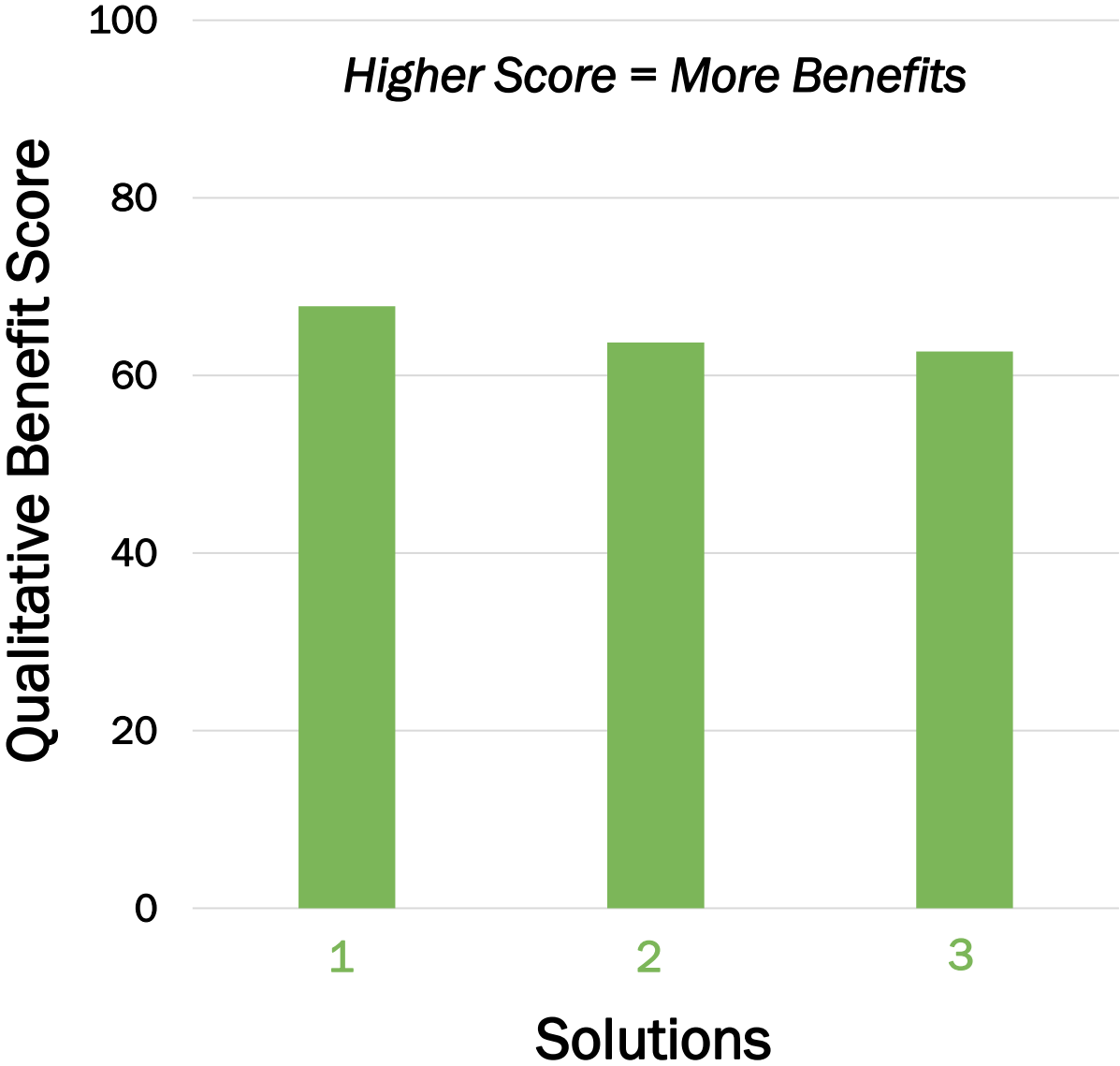
Gillies Creek Solutions – Qualitative Benefit Score



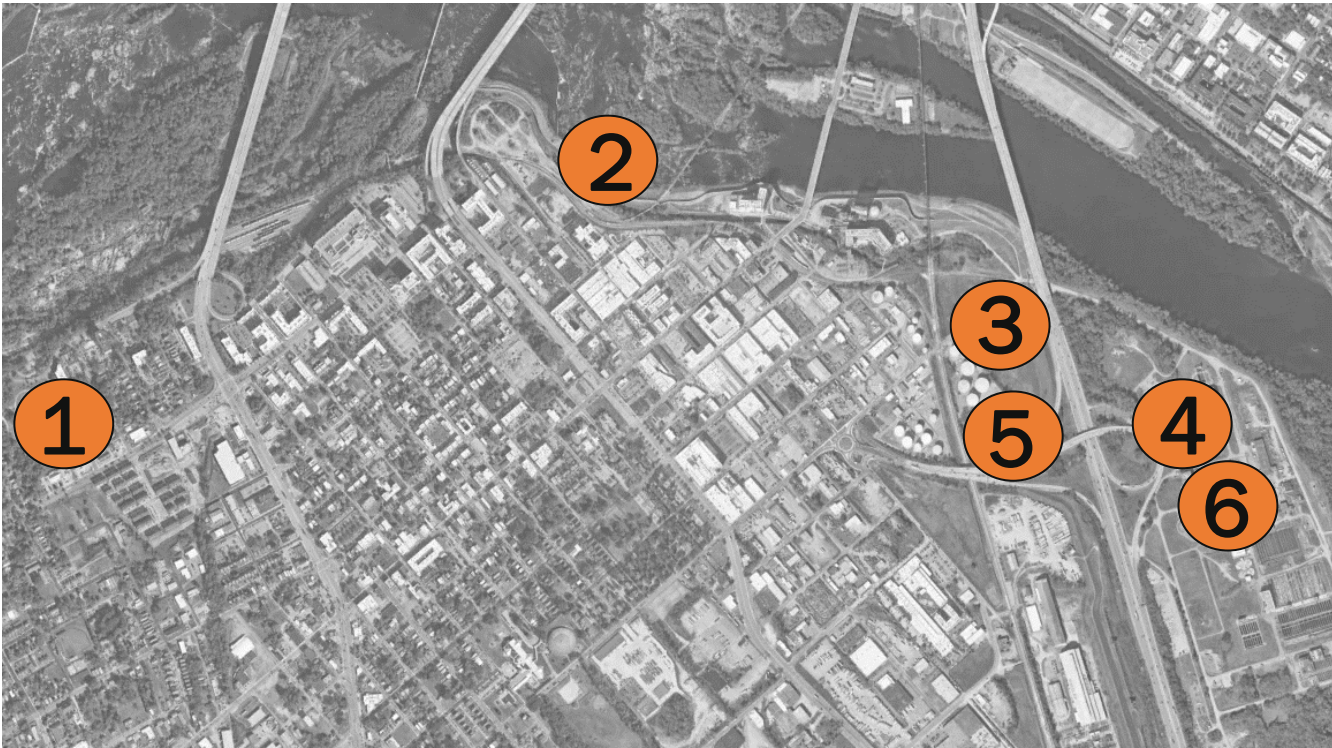
Hilton Street Solutions – Qualitative Benefit Score



North Side Solutions – Qualitative Benefit Score



Southside and Manchester – Qualitative Benefit Score



Southside (CSO 040)

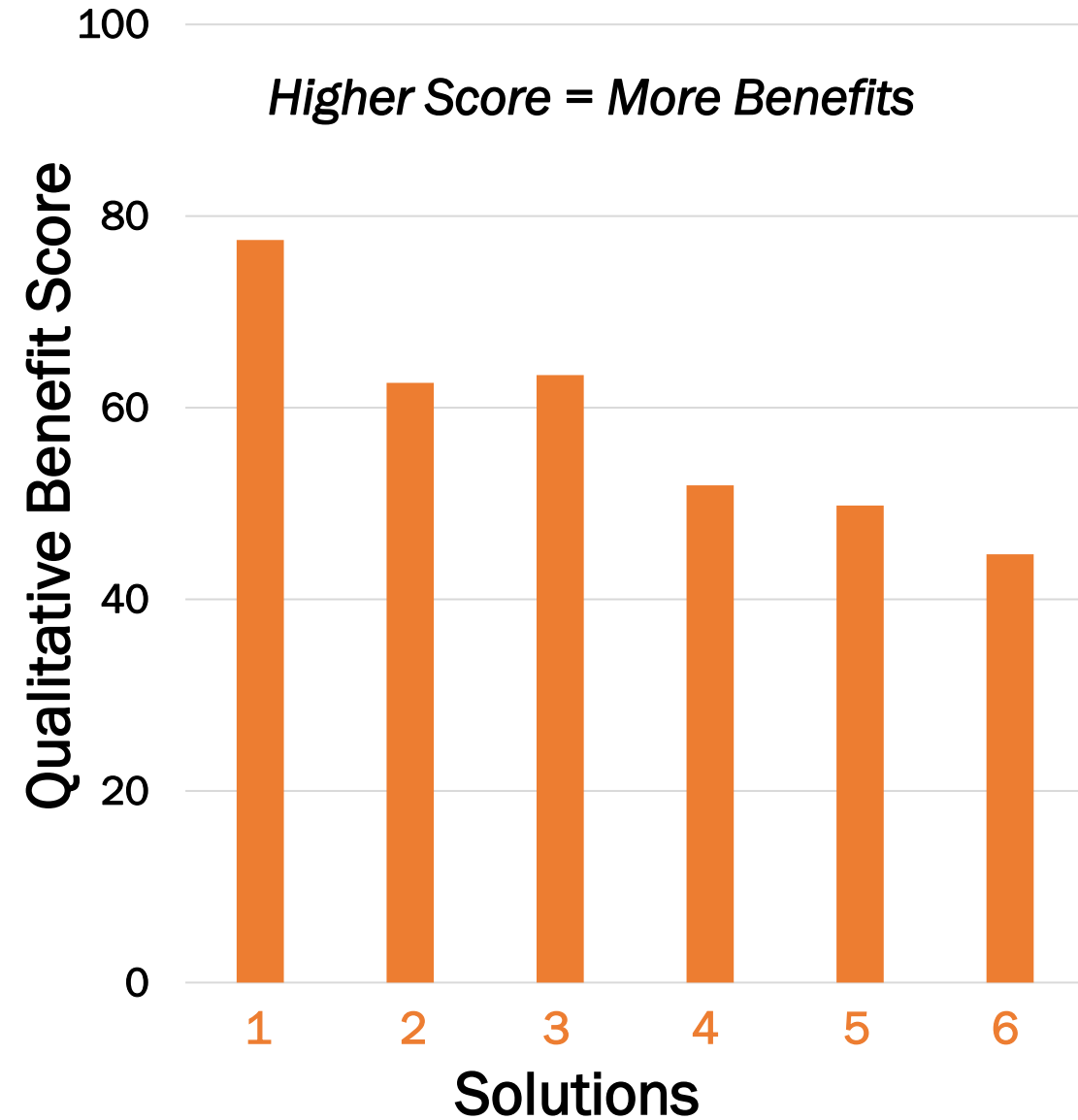
1. 6 MG Storage Tank in Canoe Run Park
2. 6 MG Storage Tank in Canoe Run Park/1.5 MG In-Line Storage.

Manchester (CSO 021)

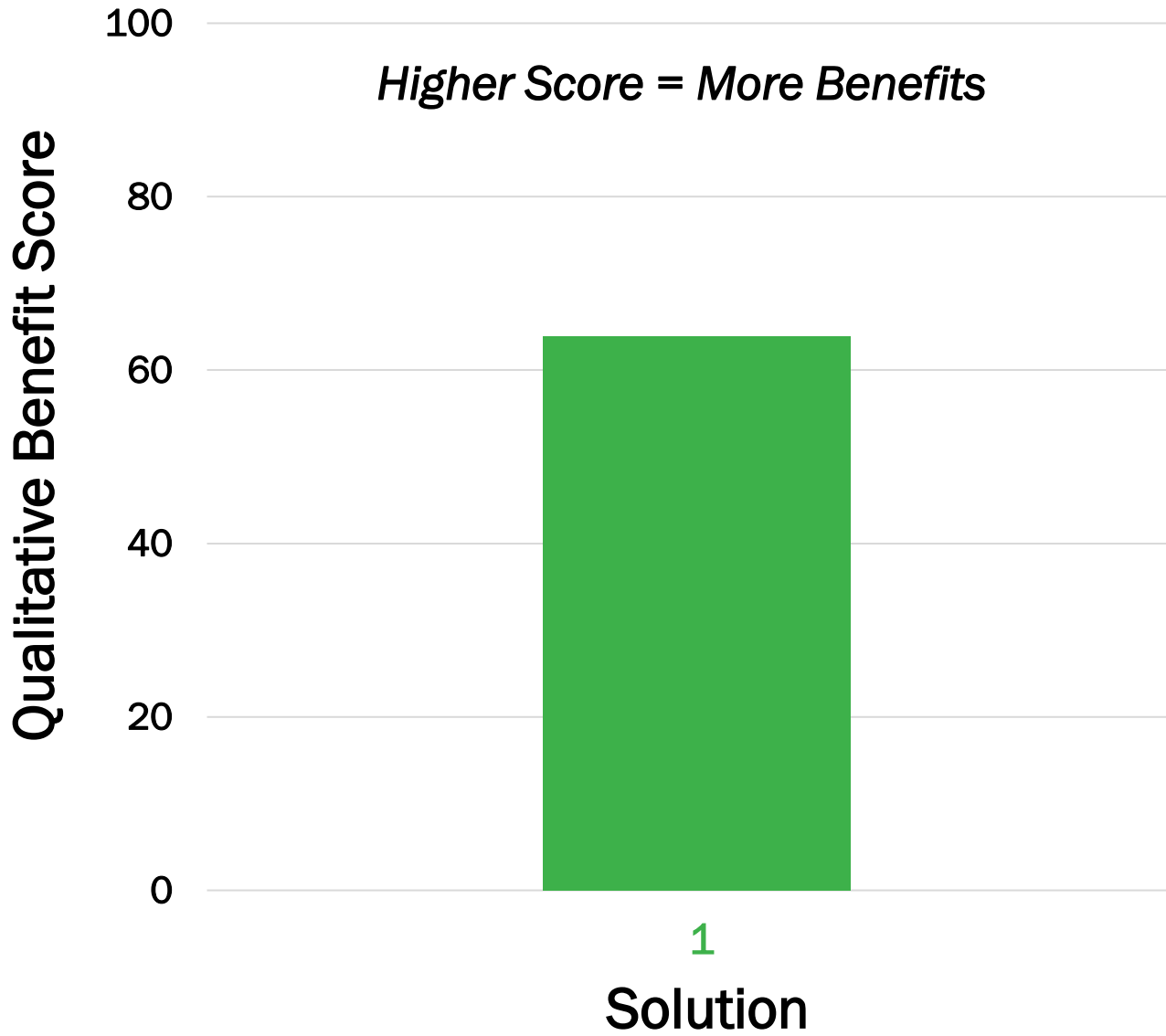
3. 9 MG Storage Tank
4. 100 MGD HRD Facility

Southside/Manchester (CSO 014, 021 and 040)

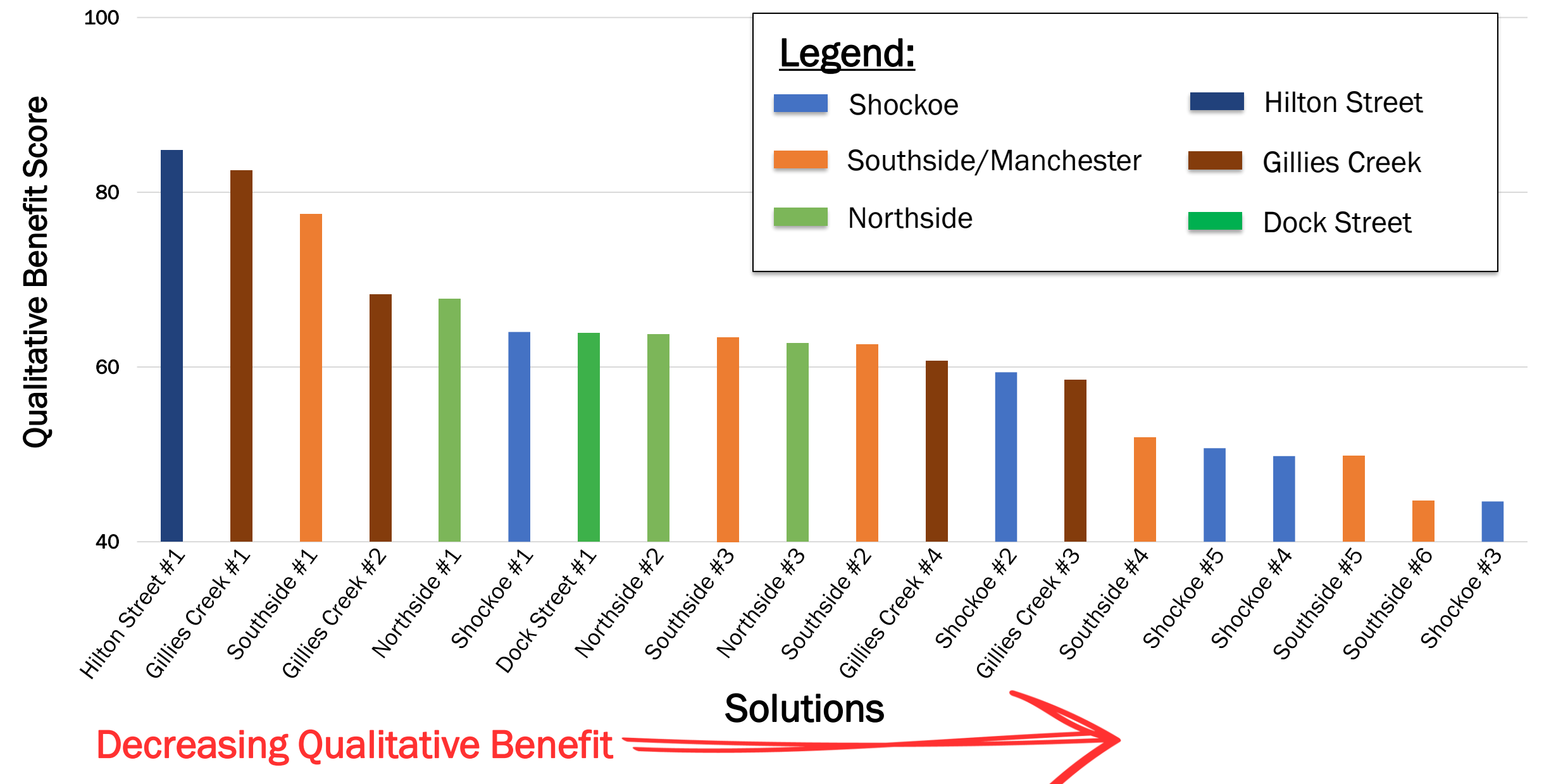
5. CSO 014/040 Conveyance Sewer/12 MG Storage Tank
6. CSO 014/040 Conveyance Sewer/150 MGD HRD Facility



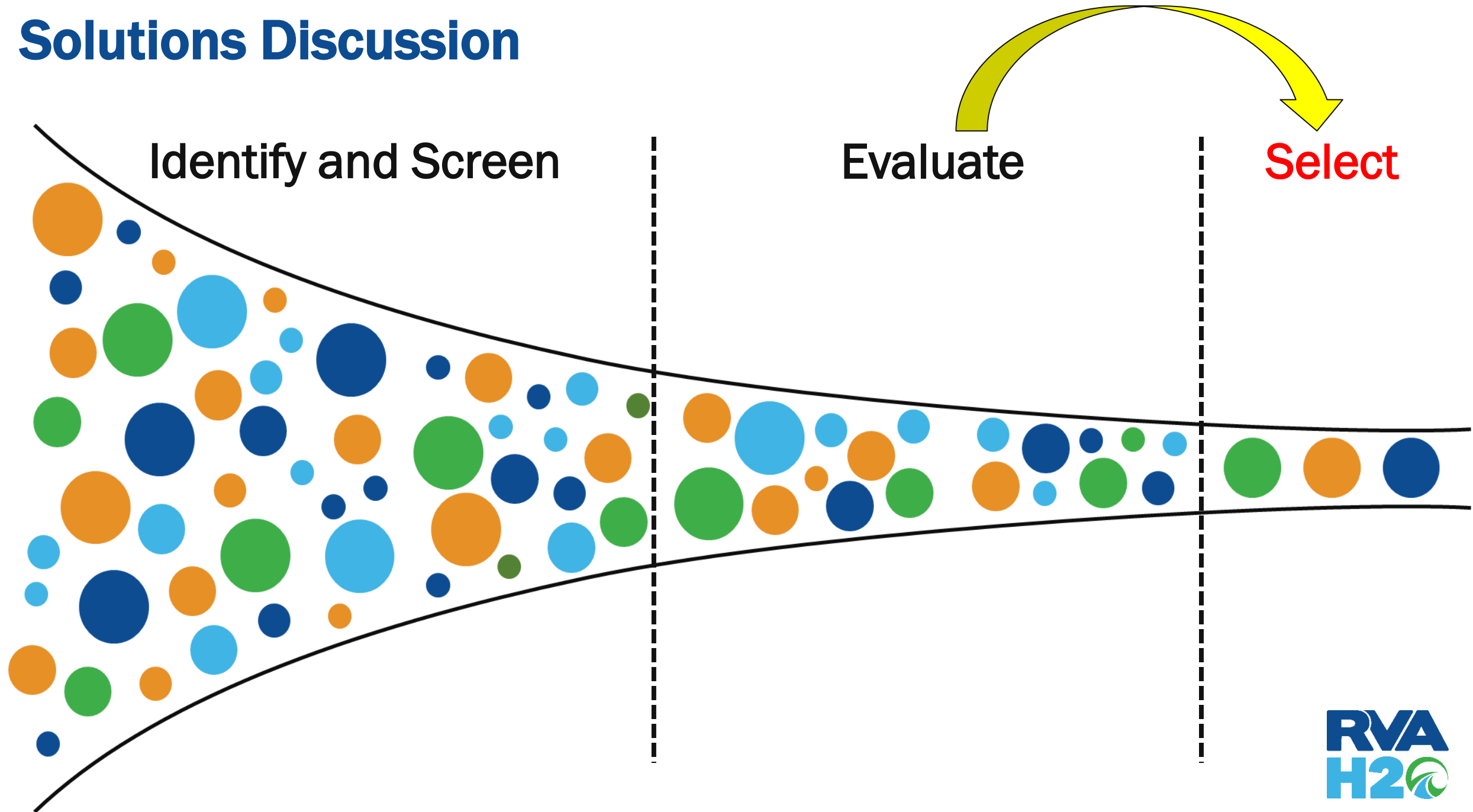
Dock Street Solutions - Qualitative Benefit Score



Summary – Qualitative Benefit Scores



Solutions Discussion



The background is a solid dark blue color. On the left side, there are several overlapping circles of different shades of blue, creating a layered, organic effect. The text is centered horizontally and positioned in the middle of the frame.

Proposed Preliminary Selection

Proposed Preliminary Selection

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



Legend



Final Plan Project



TMDL Project
(Total Maximum Daily Load)

plus...



**Green
Infrastructure**

Continue to expand
green infrastructure
program

James River

Shockoe #1
SRB Modified into
High - Rate Disinfection



Southside #1
Canoe Run Storage Tank



Southside #3
CSO 021 Storage Tank

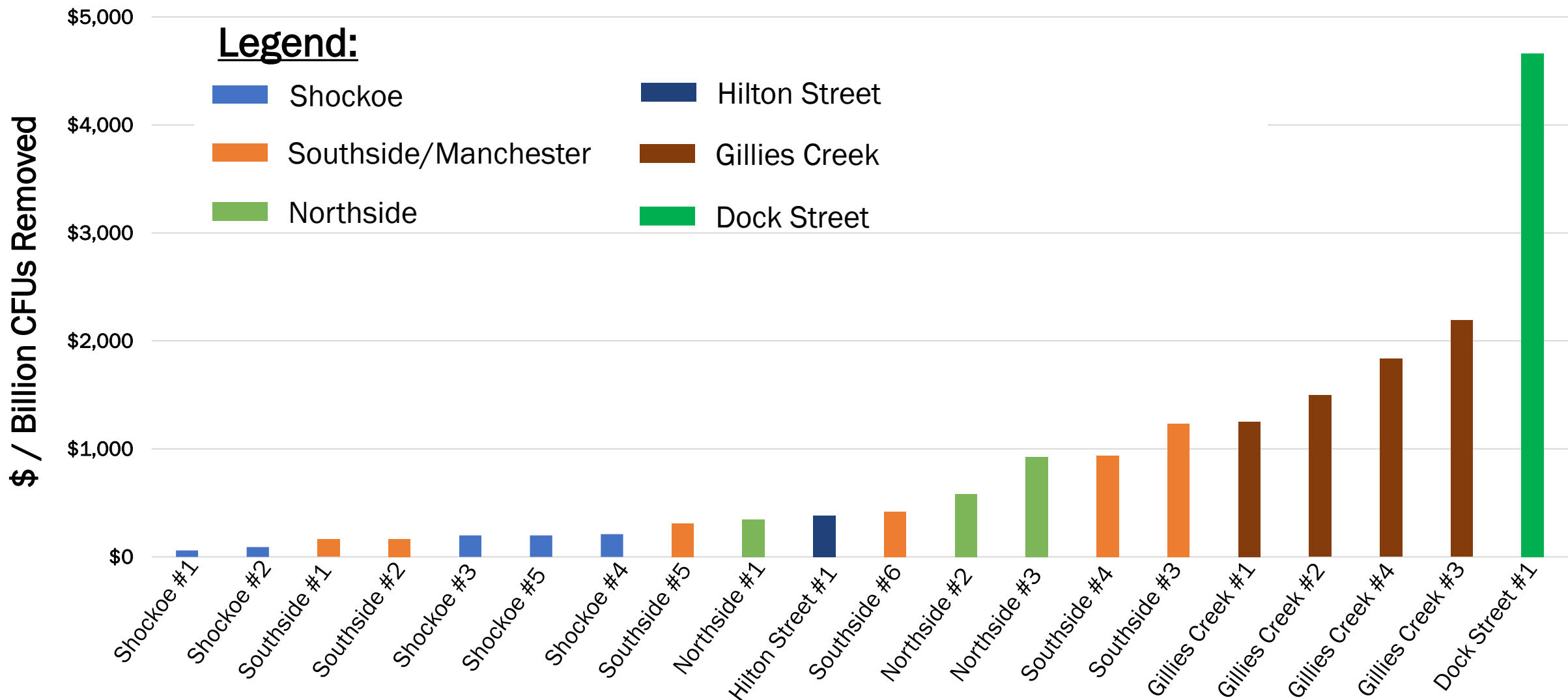
Gillies Creek

Hilton Street #1
CSO 012 Separation
Already Funded (ARPA)



Almond Creek

Cost-Effectiveness



Solutions

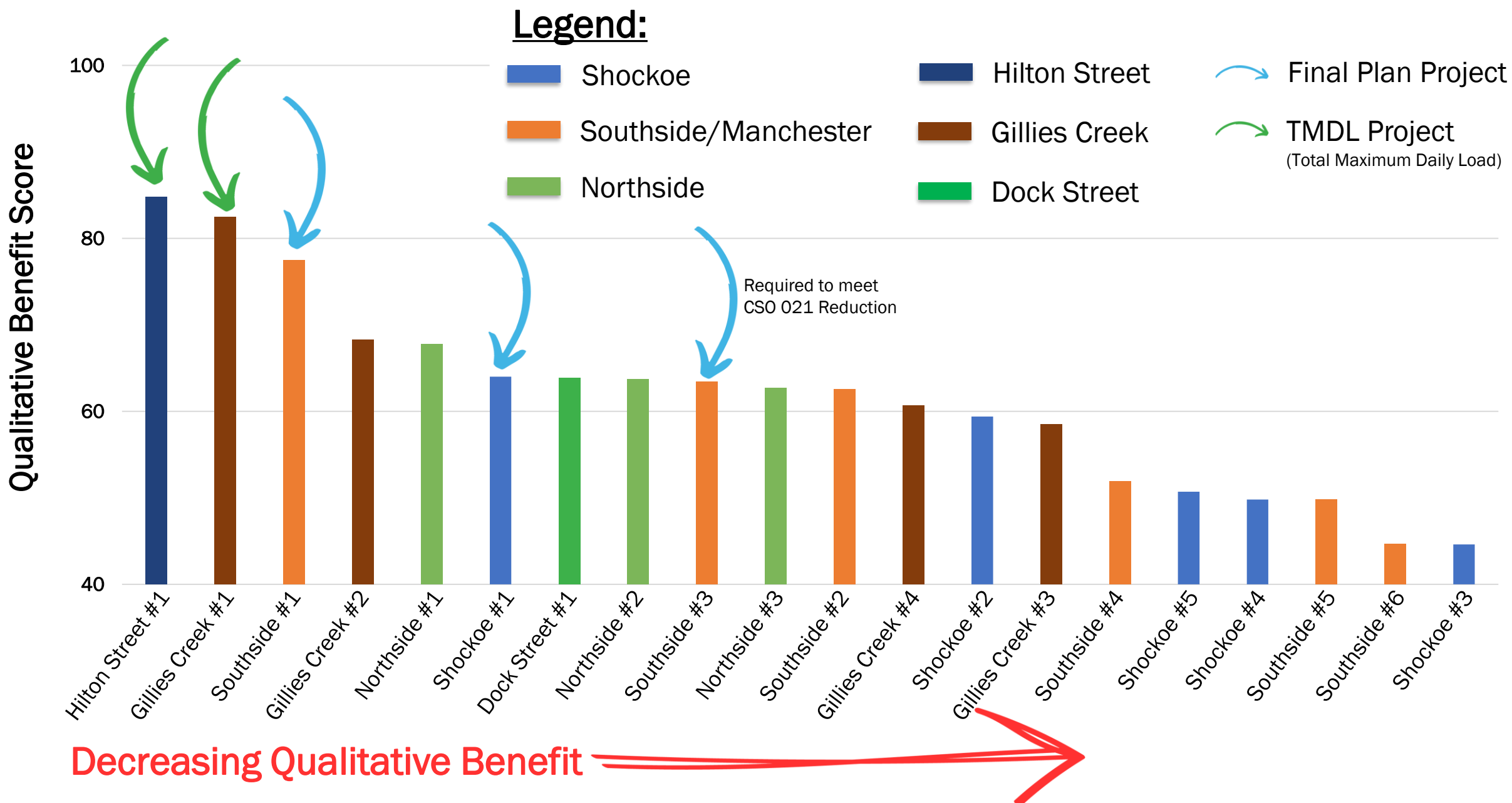
Decreasing Cost-Effectiveness 



Proposed Preliminary Selection – Cost-Effectiveness



Proposed Preliminary Selection - Qualitative Benefit Scores



What's Coming Next

Between now and December:

- ☐ Meet with your neighborhoods and others in your Council District to discuss Final Plan solutions
 - Neighborhood and civic associations, Council District meetings, coffee shop talks, parks, etc.
- ☐ Gather and document feedback
- ☐ Prepare to discuss and share at the December meeting (Thursday, December 14th at 4:00 pm)

Purpose	Meeting Date	Key Topics
Solution Selection	December 2023	Feedback from Community Solution Selection
	February 2024	Implementation Schedule Financial Impacts Solution Benefits (water quality + community)
Review	March 2024	Review Final Plan



**Next Meeting:
December 14, 2023**

Grace.LeRose@rva.gov

Shockoe Retention Basin Construction

