

Fueling the Region's Economy: Selecting Water Supplies for the Next 10 Years

Long-term Master Water Plan Project Selection Update
Chuck Carden, General Manager

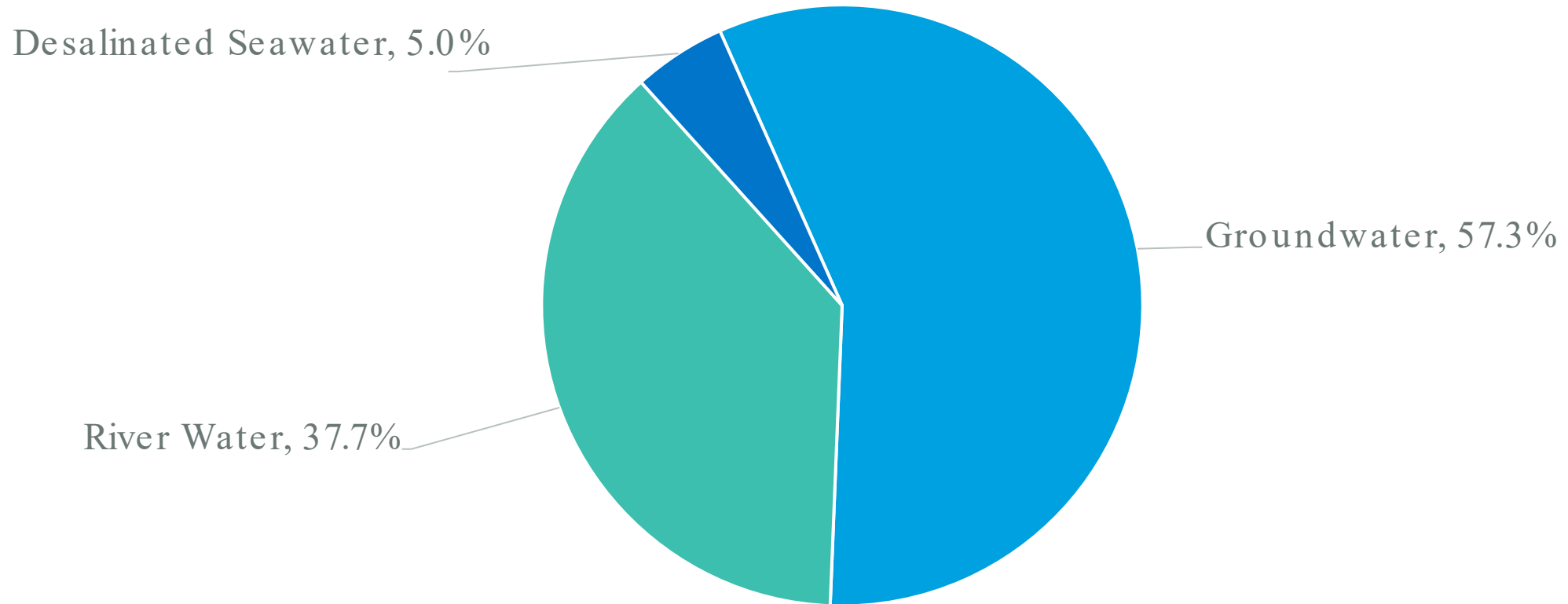


Keeping Pace with Regional Growth

- Interconnected network of sources
 - Groundwater
 - River Water
 - Seawater

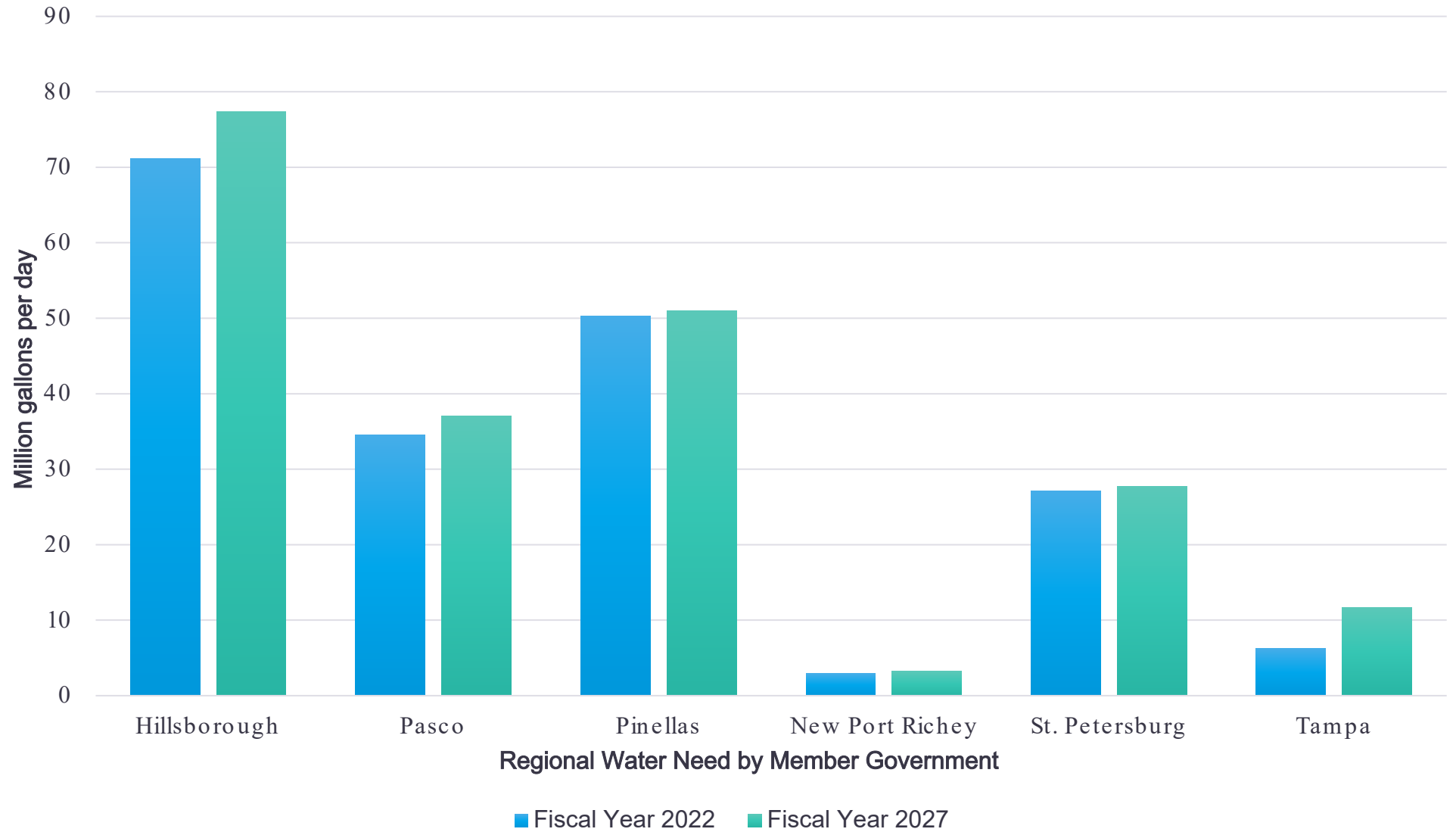


Current Water Supply Sources – Fiscal Year To-Date



187.9 million gallons per day average

Demand by Member Government 2022 vs 2027



Three New Supply Options



South Hillsborough Wellfield
via Aquifer Recharge Credits

Expand Surface Water
Treatment Capacity

Expand Seawater Desalination
Capacity

South Hillsborough Wellfield

Wellfield and Groundwater
Treatment Plant

Supply = up to 6.15 mgd

Capital Cost = up to \$57,650,000*

Per 1,000 gallons = \$1.12–1.72 +?*

(*reclaimed credit cost is unknown
at this time)



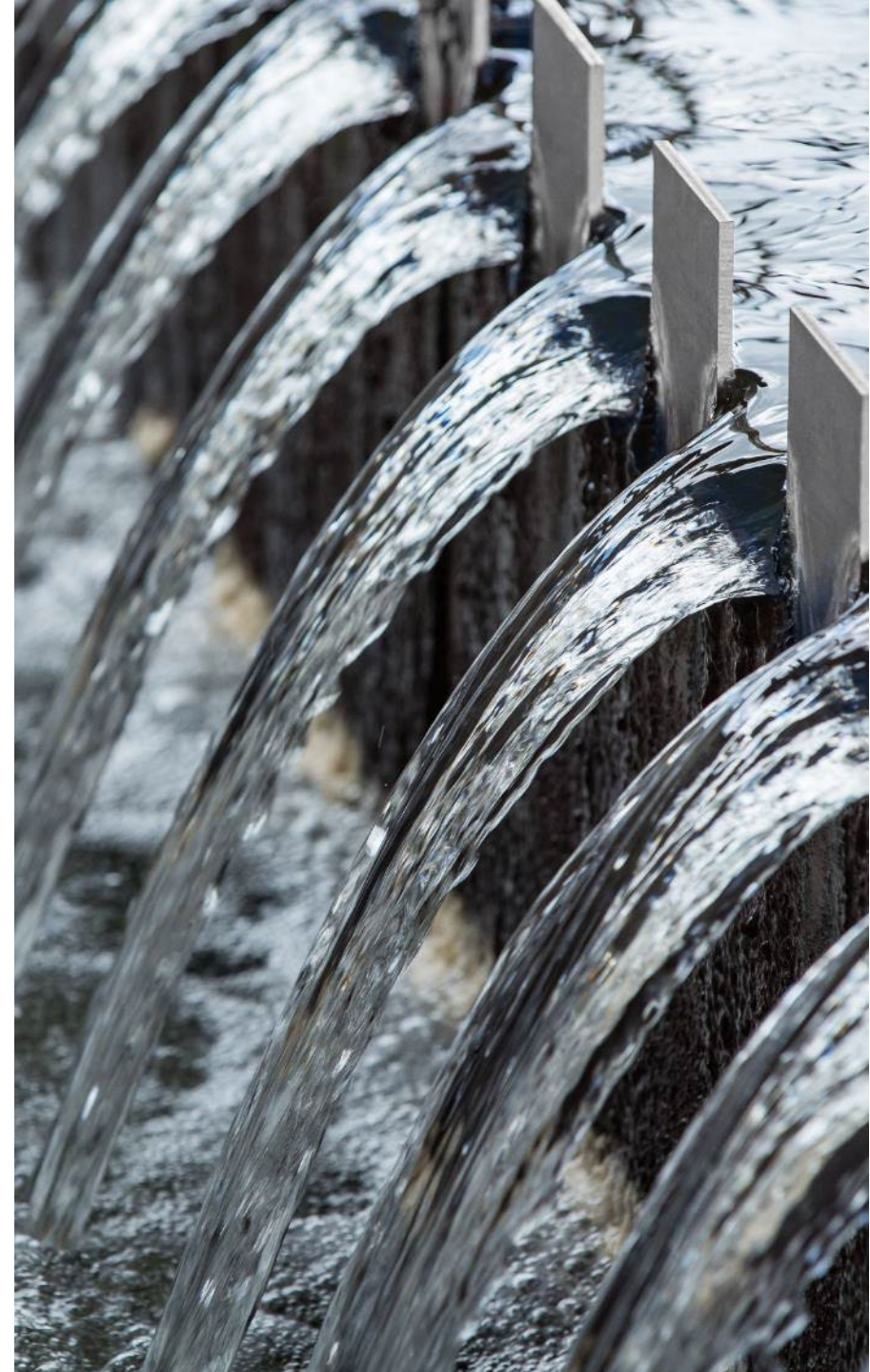
Surface Water Treatment Expansion

Existing Plant Expansion or New
Plant Near Reservoir

Supply = up to 10 mgd

Capital Cost = \$90,690,000 to
\$145,600,000*

Per 1,000 gallons = \$1.44 - \$2.31



Seawater Desalination Plant Expansion

Existing Plant Expansion and Optimization

Supply = 10.4 mgd

Capital Cost = \$310,000,000 to \$365,000,000

Per 1,000 gallons = \$8.56



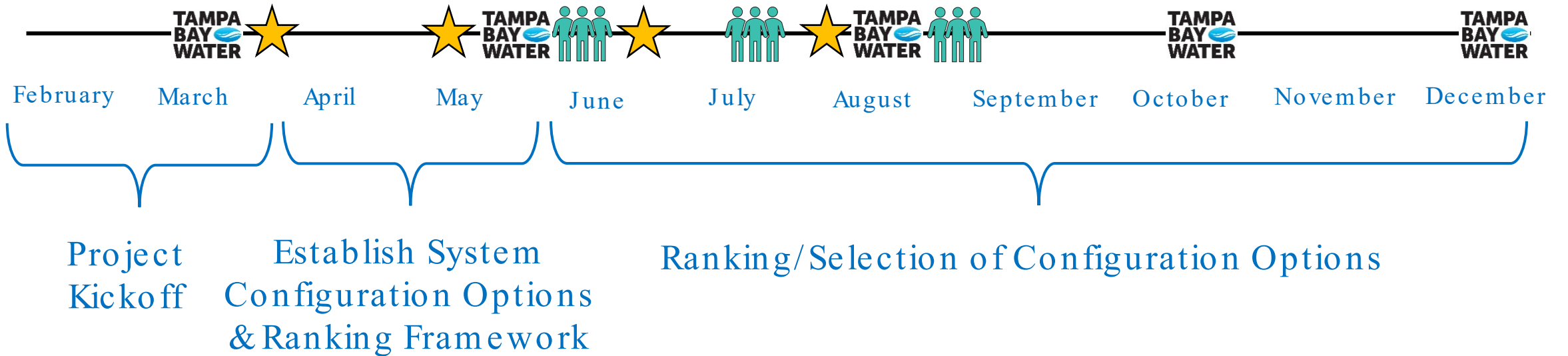
Configuration Evaluation Criteria



**TAMPA
BAY
WATER** Tampa Bay Water Board
Workshops/Presentations

★ Workshops with
Member Governments

 Public
Engagement





Questions

