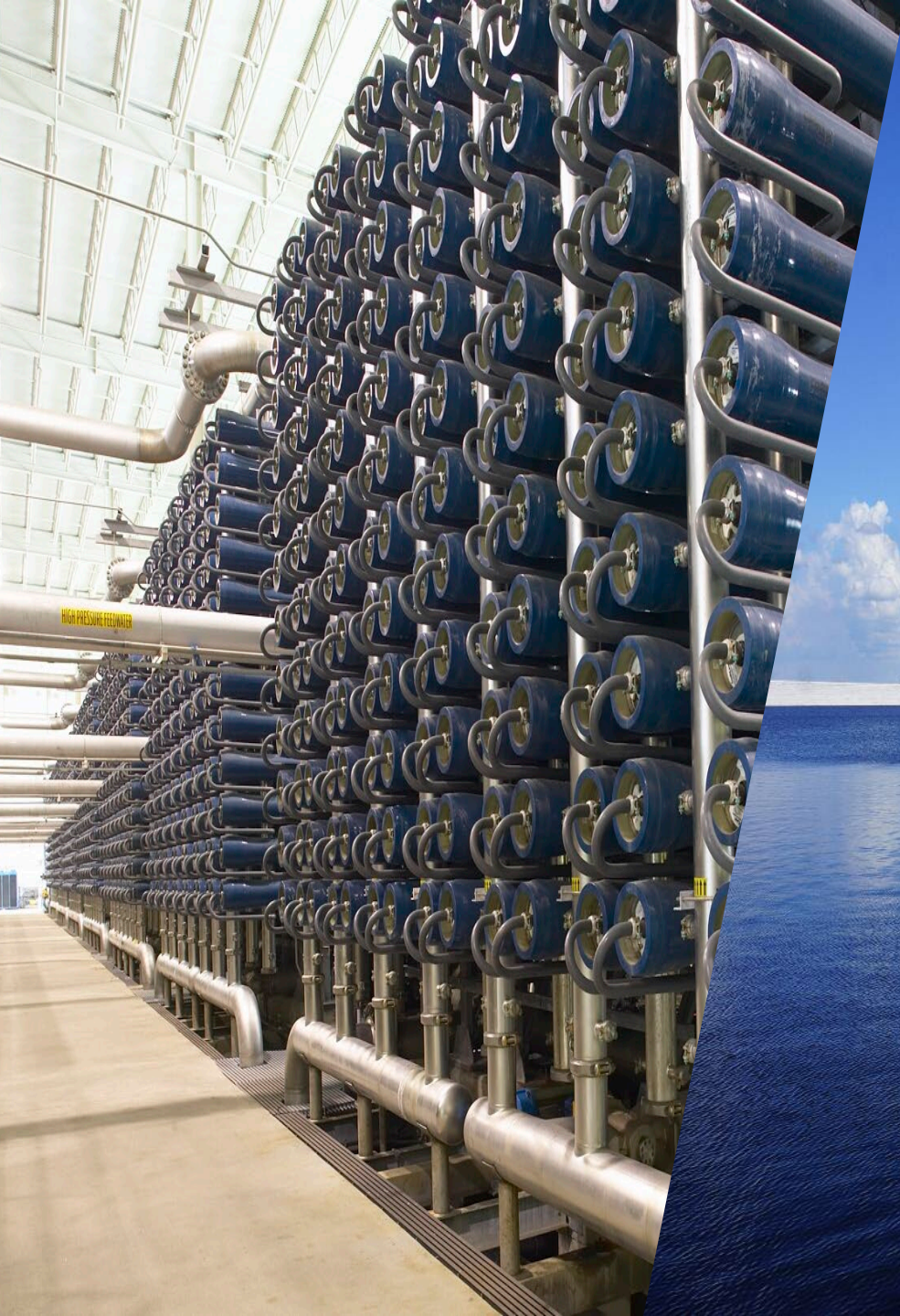


Building on 25 Years of Innovative Water Supply Solutions

Charles Carden
General Manager





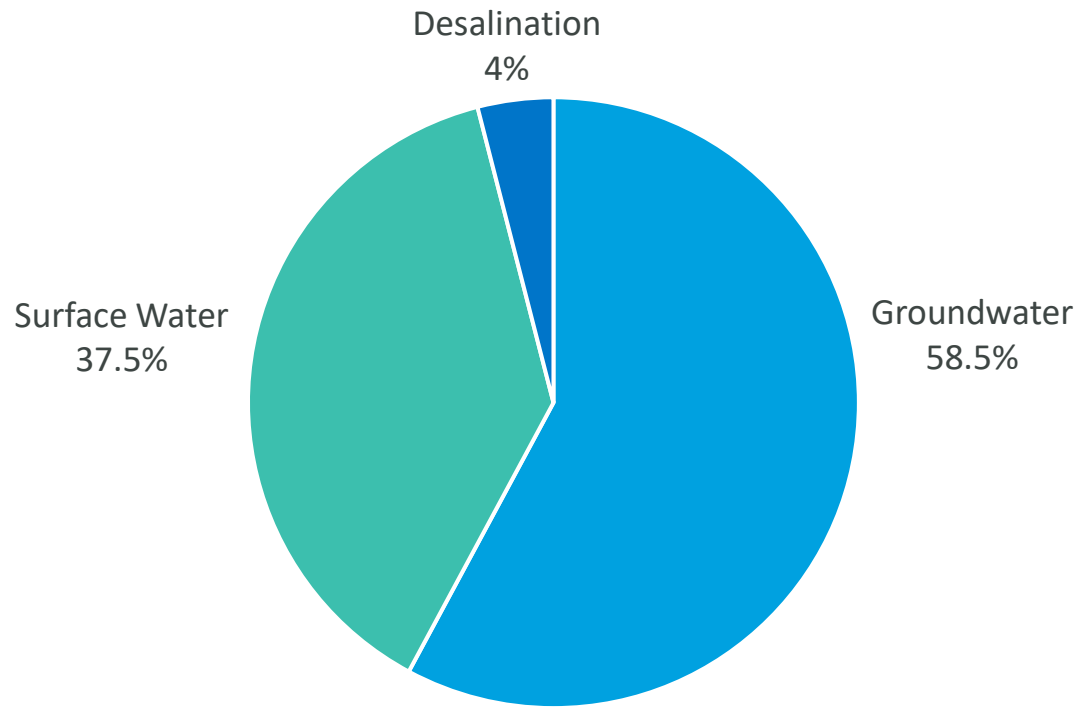
Before pumping reduction



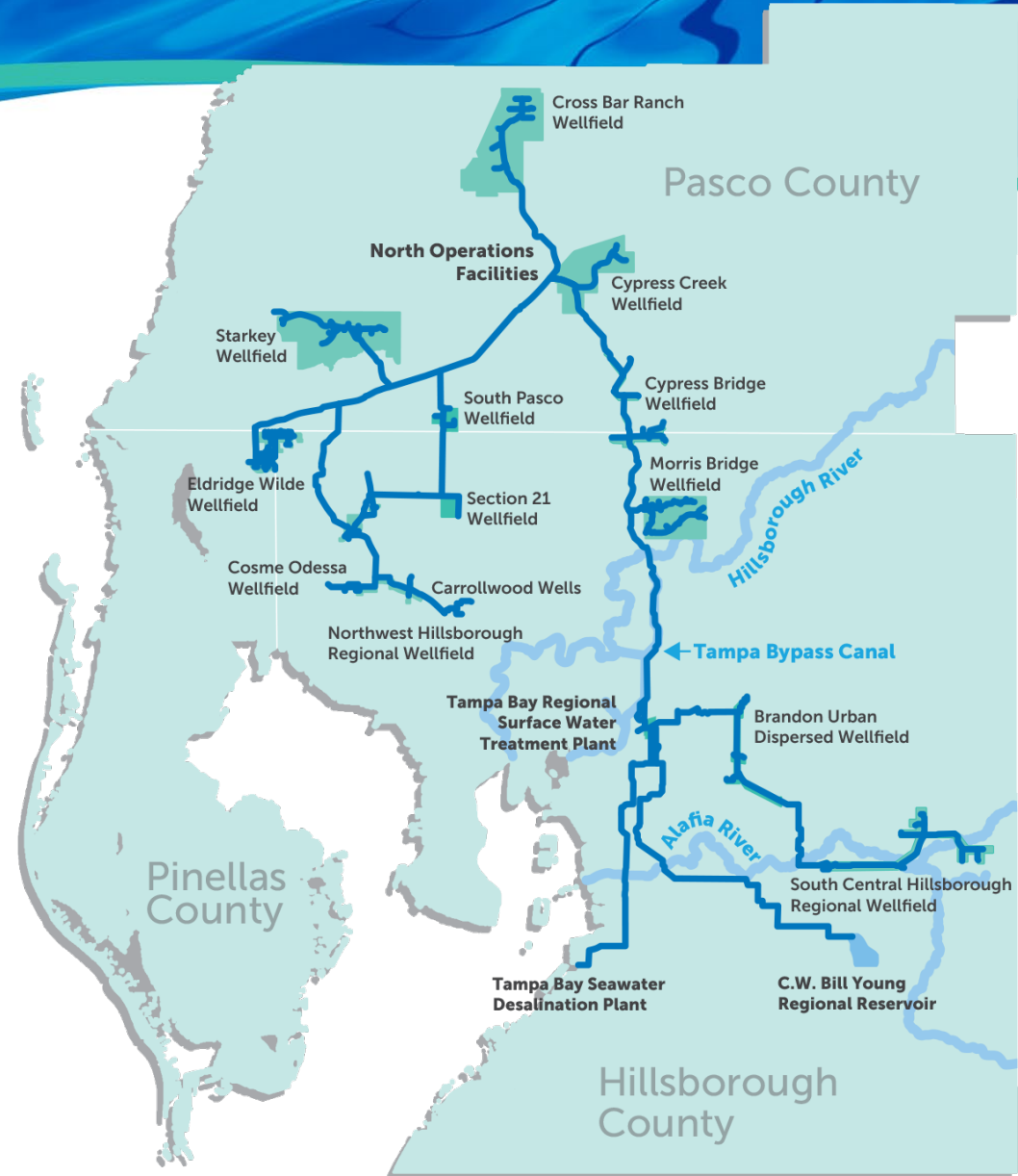
After pumping reduction



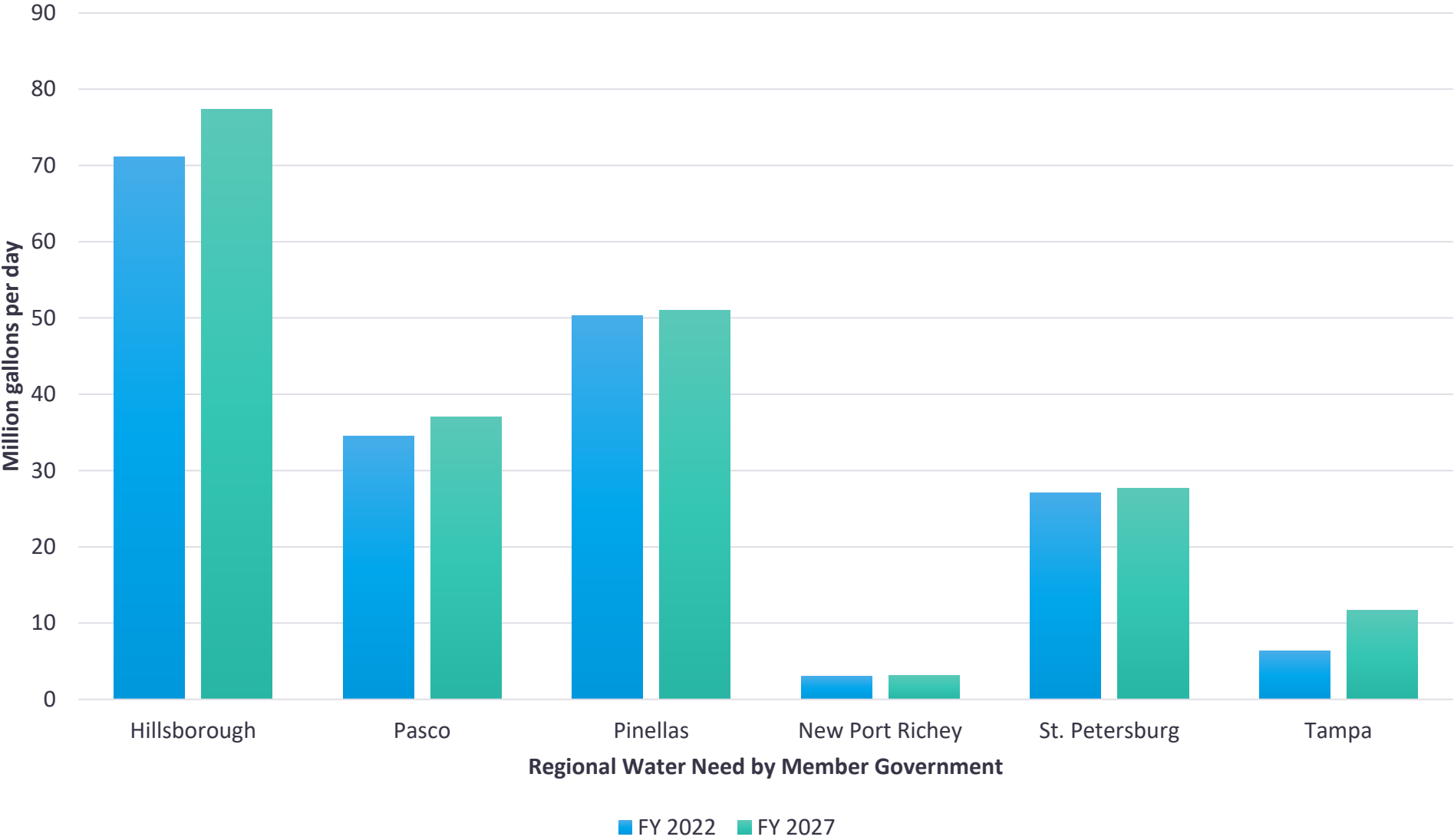
Budgeted Sources for Fiscal Year 2023



197.5 million gallons per day (mgd)

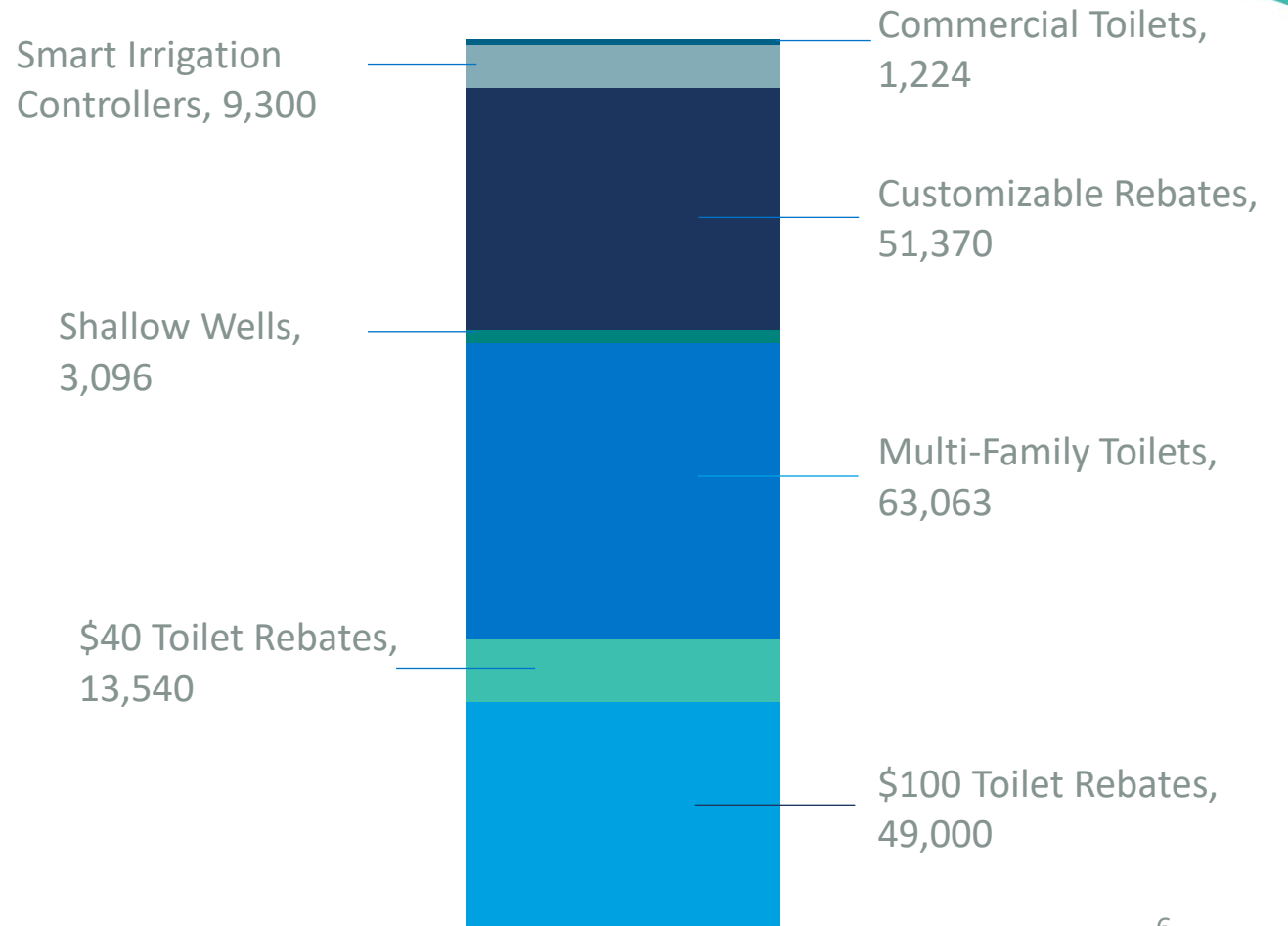


Demand by Member Government 2022 vs 2027

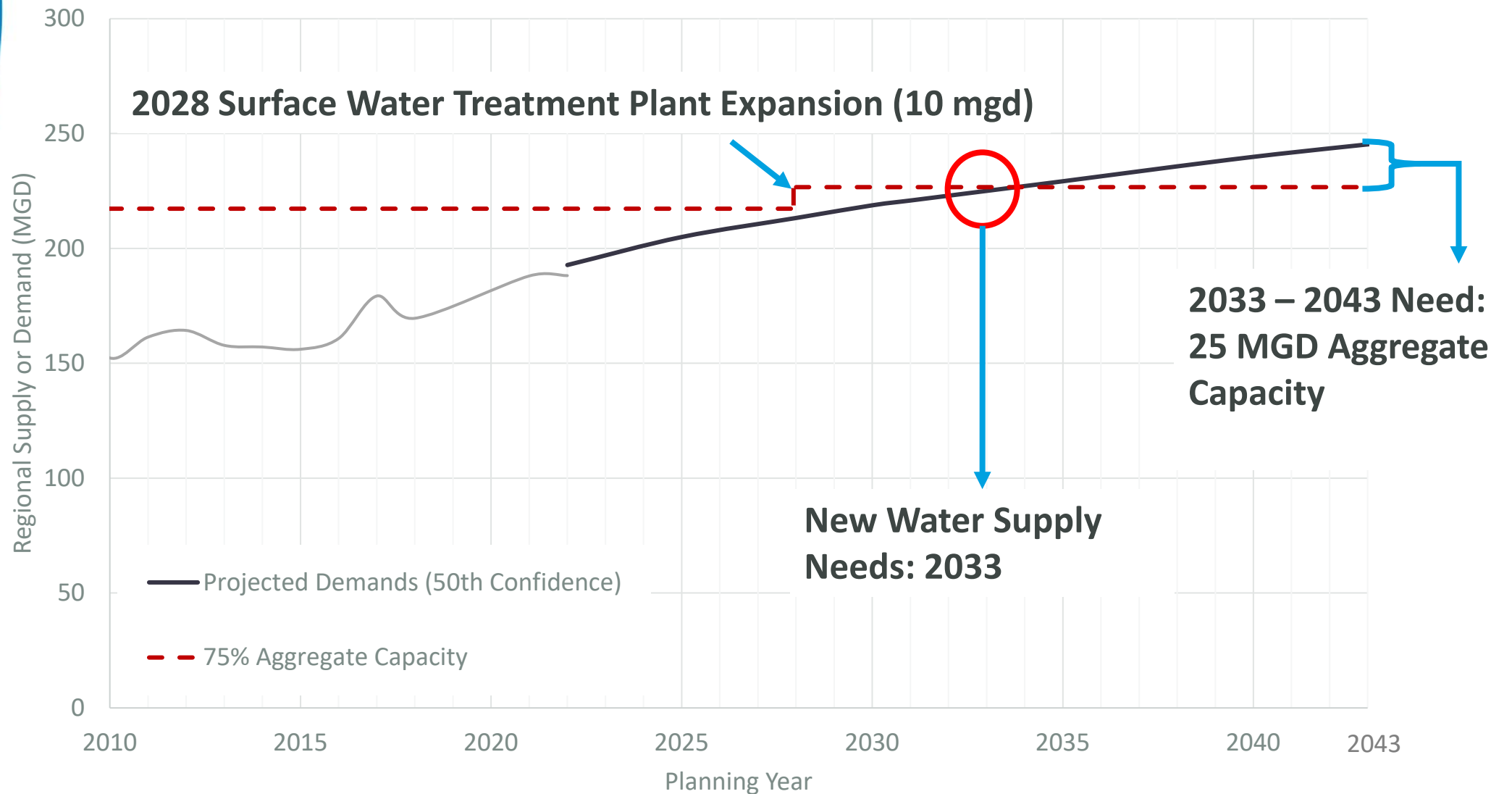


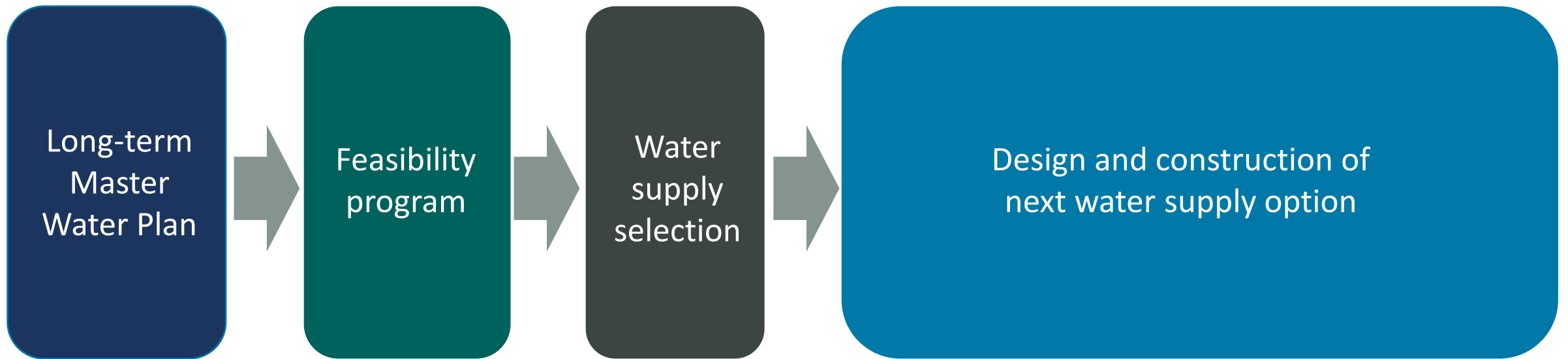
- Part of the Long-term Master Water Plan
- Incentive-based rebate program
- Save up to 4 million gallons per day by 2030
- Save water, save money!

190,593 gallons per day



Projected Water Supply Needs





Short-list Screening Evaluation Criteria

Environmental Stewardship



- Environmental Sustainability 20%
- Ease of Permitting 6%
- Public Reception 7%

Cost



- Life Cycle Cost 20%
- Expansion Potential 6%
- Cost Risk Factors + Implementation Schedule 7%

Reliability

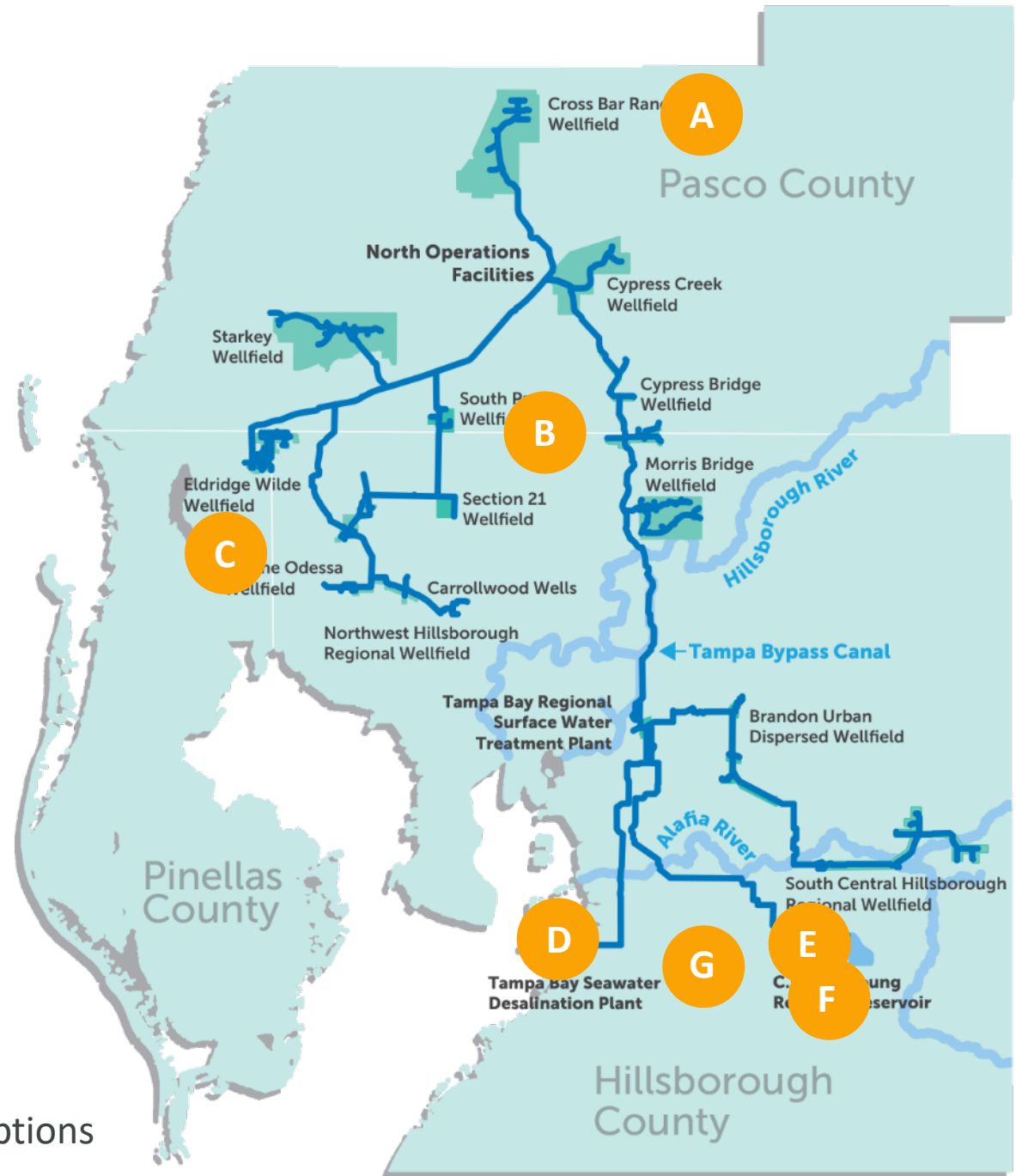


- Yield Reliability 20%
- Regional System Reliability Impacts 14%

Short List Concepts

- A. Eastern Pasco Wellfield*
- B. Consolidated WUP Increase
- C. North Pinellas Surface WTP & Reservoir
- D. Desalination Plant Expansion*
- E. Surface WTP at C.W. Bill Young Regional Reservoir via Alafia withdrawals
- F. South Hillsborough Surface WTP & Reservoir
- G. South Hillsborough Wellfield via Aquifer Recharge

* Indicates multiple types of water source options

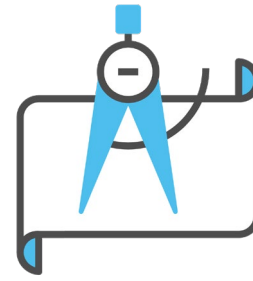


Feasibility Studies



Goals:

- Determine overall feasibility
- Refine yield
 - Normal Conditions
 - Sustainable
- Refine Costs
- Collaborate with residents

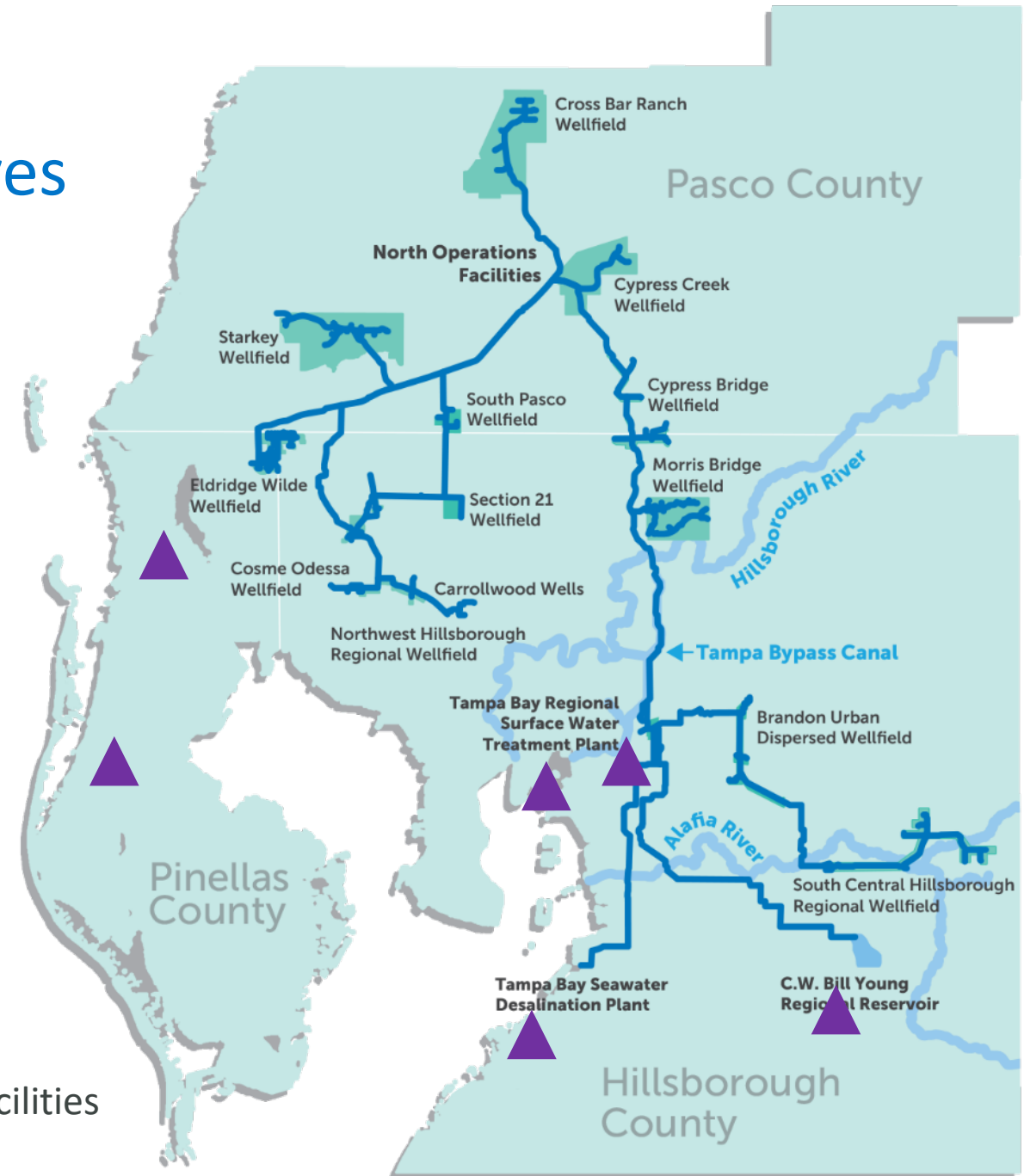


Tasks:

- Hydrologic, hydraulic and hydrogeologic modeling
- Test wells
- Water quality sampling
- Pilot testing
- Environmental assessments
- Public engagement

Master Water Plan Developmental Alternatives

- I. Direct Potable Reuse
- II. Indirect Potable Reuse



▲ Member Government Water Reclamation Facilities with excess reclaimed water

Next Steps

- **September:** Final ad-hoc committee meetings telephone town hall
- **Sept. 27:** Draft Master Water Plan report to member governments
- **Nov. 13:** Board to consider approval of Long-term Master Water Plan update



Water Quality Coordination

- Meets or is better than federal, state and local standards
- Consumer Confidence Report Coordination
- Water Quality Study complete
- UCMR 5 Sampling Coordination





Questions

