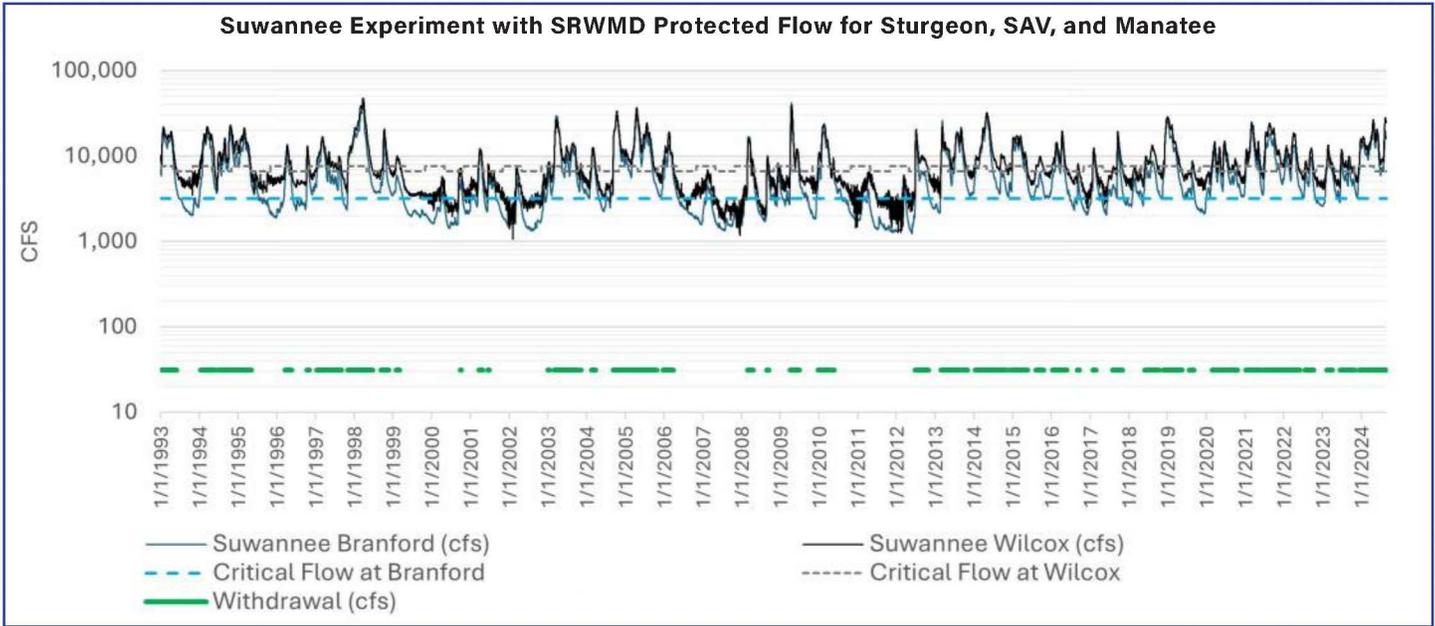


of up to 20 MGD were available 45% of the time. It is important to note that there were stretches as long as 365 days in which minimum flow thresholds were not met. To function as a reliable source water for MFL recovery, this project will benefit from being paired with a more continuous water source or used in conjunction with other project efforts.



## Planning Level Project Cost Estimating



**Transmission Costs:** The SJRWMD costing tool for rural pipeline projects was used to estimate the transmission costs for water from the Branford area to a representative recharge location within the target recharge area. Total distance estimated for costing is 20 miles and utilizes public rights-of-way. The transmission cost estimate includes pipeline costs but does not include transmission pump stations. Pipeline costs are the dominant factor in calculating transmission costs.



**Treatment Costs:** Based on uncertainty around treatment requirements for PFAS and nutrients, two treatment scenarios were costed to provide a range of treatment costs. The upper range scenario is based on conventional surface water treatment, reverse osmosis for PFAS removal, and denitrification filters for nutrient reduction. Alternatively, the lower range scenario is based solely on conventional surface water treatment. Surface water treatment costs were estimated using the SJRWMD cost tool, reverse osmosis costs are based on CDM Smith cost curves, and denitrification costs are based on vendor estimates.



**Recharge Costs:** Costs associated with recharge wells were estimated using the SJRWMD cost tool. No land acquisition costs were included in this estimate.

Option	Transmission Cost (\$M)	Treatment Costs (\$M)	Recharge Costs (\$M)	Total Capital Costs (\$M)	O&M Costs (\$M)	Annualized Cost (\$M/yr)
Upper Range (LPRO and denitrification)	120	185	36	340	11	28
Lower Range (Conventional treatment)	120	95	36	250	5	17

- Notes:
- These are high level planning costs, developed by noted references and citations at the back of this fact sheet and do not include potential costs for potential unknowns related to Environmental Remediation, Real Estate, Permitting, Engineering.
  - Transmission costs includes \$72M in source development costs
  - O&M costs represent both variable O&M costs like electricity and process chemicals as well as fixed O&M costs incurred each year
  - Annualized costs are based on capital costs annualized over a 30-year project life plus annual O&M costs.