



## Project Costs



**Transmission Costs:** The SJRWMD costing tool for rural pipeline projects was used to estimate the transmission costs for water from the North Fork of Black Creek to a representative recharge location within the target recharge area. Total distance estimated for costing is 50 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.

The tables below provide estimated capital and O&M costs for the two scenarios. No land acquisition costs are included in the above cost estimates.

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)	100	90	20	210	5	16
Lower Range (Conventional treatment)	100	50	20	170	2	11

- Notes:
1. 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.
  2. Transmission costs includes \$27M in source development costs
  3. O&M costs represent both variable O&M costs like electricity and process chemicals as well as fixed O&M costs incurred each year
  4. Annualized costs are based on capital costs annualized over a 30-year project life plus annual O&M costs.