

Desalination Options – Refined Draft Cost Estimate Summary

| Alternative | Option 1A: Marin Regional Desal Facility-5 mgd | Option 1B: Marin Regional Desal Facility-10 mgd | Option 1C: Marin Regional Desal Facility-15 mgd | Option 2: Containerized Desal Facility-5.4 mgd | Option 3: Bay Area Desal Facility-5 mgd | Option 4: Petaluma Brackish Desal |
|---|--|---|---|--|---|---|
| Capital Cost | \$302,133,000 | \$375,161,000 | \$436,903,000 | \$ 113,444,000 | \$262,297,000 | In Progress |
| Annual O&M Cost | \$12,963,000 | \$21,568,000 | \$29,869,000 | \$ 9,369,000 | \$ 5,887,000 | |
| Total Annualized Cost | \$ 28,378,000 | \$ 40,708,000 | \$ 52,159,000 | \$ 34,140,000 | \$ 19,269,000 | |
| Yield, AFY | 5,600 | 11,200 | 16,800 | 6,000 | 5,600 | |
| Cost per AFY | \$ 5,100 | \$ 3,600 | \$ 3,100 | \$ 5,700 | \$ 3,900 | |
| Total annualized cost based on 30 years for Options 1 and 3, and 5-years for Option 2 | | | | | | |

Water Purchases through Bay Intertie Options Cost Estimate Summary

| Alternative | EBMUD Intertie | CCWD Intertie | North Bay Aqueduct Intertie Option 1* | North Bay Aqueduct Intertie Option 2* | SFPUC Intertie (In progress) |
|-----------------------|----------------|---------------|--|--|---------------------------------|
| Capital Cost | \$111,350,000 | \$280,434,266 | \$225,443,094 | \$289,416,219 | |
| Annual O&M Cost | \$14,202,000 | \$11,457,000 | \$6,365,000 | \$6,365,000 | |
| Total Annualized Cost | \$19,883,000 | \$25,765,000 | \$17,867,000 | \$21,131,000 | |
| Yield, AFY | 9000 | 9000 | 5000 | 5000 | |
| Cost per AFY | \$2,200 | \$2,900 | \$3,600 | \$4,200 | |

*Treatment needed

Local Storage Options Cost Estimate Summary

| Alternative | Option 1: Raising Soulajule | Option 2: Dredging Nicasio | Option 3: Movable Spillway Gates |
|-----------------------|--------------------------------|-------------------------------|-------------------------------------|
| Capital Cost | \$128,824,000 | \$166,062,000 | \$5,000,000 |
| Annual O&M Cost | \$4,177,000 | \$- | \$20,000 |
| Total Annualized Cost | \$10,750,000 | \$19,468,000 | \$71,000 |
| Yield, AFY | 4000 | 1000 | 350 |
| Cost per AFY | \$2,700 | \$19,500 | \$800 |

Demand Management/Conservation Cost Estimate Summary

| Alternative | Option 1A: Reduce Leaks by 25% | Option 1B: Reduce Leaks by 50% | Option 2A: Replace 25% of Lawns | Option 2B: Replace 50% of Lawns |
|-----------------------|-----------------------------------|-----------------------------------|------------------------------------|------------------------------------|
| Capital Cost | \$5,500,000 | \$5,500,000 | \$5,500,000 | \$5,500,000 |
| Annual O&M Cost | \$2,000,000 | \$4,000,000 | \$1,350,000 | \$2,700,000 |
| Total Annualized Cost | \$2,550,000 | \$4,550,000 | \$1,900,000 | \$3,250,000 |
| Yield, AFY | 500 | 1000 | 1000 | 2000 |
| Cost per AFY | \$5,100 | \$4,550 | \$1,900 | \$1,625 |

Note 1: Numbers are placeholders; actual numbers have yet to be provided

Note 2: All options include installation of 55,000 Flume devices @ \$100 as part of capital cost