



Cost Analysis Results

- Assumptions & concept costs presented in Tech Memo
- Conceptual costs developed for "modeled" parcels for Use Alternatives
- Costs per volume basis wide range
 - o Dry weather flows increase total annual volume
 - o More effective drainage area vs. capture design
 - Matching demand/discharge restrictions with storage
 - Pre-treatment requirements

Unit Cost Analysis Results

Alternative	Project Type	Cost per Volume (Average of low & high cost range \$ / ac-ft)
Alternative A	Infiltration	\$20,000- \$33,000
	Injection	\$3,600 - \$9,800
Alternative B	Infiltration	\$17,000 - \$20,300
	Bio-Infiltration	\$29,300 - \$37,000
Alternative C	Irrigation	\$118,700 - \$186,100
Alternative D	Rain Barrels	\$2,500
Alternative E	Restoration and Treatment Wetlands	\$740 - \$990
Alternative F	Dry-Weather Diversion	\$9,600 - \$21,400
Alternative G	Treatment for Recycled Water	\$99,300 - \$173,000
Alternative H	Treatment for Potable Water	\$101,244 – \$172,500
Desalination \$2,131 - \$2,397		

Alternative Prioritization

- 1. Potential Volume: acre-feet/year
- 2. Unit Cost: \$/acre-foot (annual volume)
- 3. Additional Benefits (number of benefits)
- 4. Constraints and Opportunities (qualitative assessment of constraints and opportunities developed by TAC)

Direct discharge to groundwater aquifers for potable use Discharge to groundwater to reestablish natural hydrology, to restore biological uses Irrigation to be used on-site on public parcels Small scale, private on-site use for irrigation and other private use Natural treatment system (wetland treatment) and/or restoration sites Next 3 - Controlled discharge to waste water treatment plants: Solids management during low flows Indirect potable use Recycled water use





