

Increase Water Supply Findings

Groundwater Development, Groundwater Banking and Conjunctive Use

Additional Specific Findings and Recommendation, pp 4-5

- **Groundwater Development**- there are very limited opportunities for further groundwater development due to basins approaching or currently exceeding safe or sustainable yields (overdraft), basins low rates of natural recharge, and/or poor quality waters.
 - **West Mesa.** The Ocotillo-Coyote Wells Groundwater Basin¹ area of the West Mesa is at or exceeding the sustainable yield and further development or use of these resources would need to be consistent with the Imperial County Groundwater Ordinance and existing policies to prevent overdraft.
 - **East Mesa** groundwater development on a large scale (>25 KAFY) may not be sustainable over long-term (50 year planning horizon) since there is limited natural recharge or sustained yield; water quality is variable and in most areas brackish; and the potential for subsidence is unknown. Large scale development may have to be coupled with desalination and a recharge program to be viable. Additional study is needed to determine feasibility of additional groundwater development

Recycle Municipal Water

- Additional findings and recommendations, p.8
 - Require mitigation to meet state and federal requirements for loss of flows to IID drains and to the New and Alamo rivers and other waterways through development of a regional mitigation bank; seek to provide regional benefits, create partnerships and meet multiple IRWMP goals by using reclaimed wastewater for this purpose where cost effective and timely.

Conveyance- Regional\local, CALFED

- Large Interregional Conveyance, p.11
 - IRWMP Objectives – Large interregional conveyance coupled with water quality treatment could meet IRWMP goals and objectives, but the current cost estimates are higher than any current users would be willing to pay in the near-term. A large interregional conveyance designed primarily for the restoration of the Salton Sea is beyond the scope of this I

¹ Ocotillo-Coyote Wells Groundwater Basin, as defined by US EPA Sole Source Aquifer Designation. CFR Vol 61, No. 176. September 10, 1996.