



Figure 12-1 Hypothetical IID Managed In-Valley MCI Exchange

- **IID System Conservation Infrastructure beyond QSA Requirements:** Several projects remain for changing the IID delivery system that would conserve water may be available to beyond that required to meet QSA obligations.
- **Irrigated Land Retirement – Changes in Land Use, Rezoning, Annexation, etc.:** Permanent irrigated land retirement would occur through rezoning or annexation by the County or Cities. Consequent reduction in water use would be accounted for and apportioned to a land use with an increased water demand through the MCI exchange. As part of the project/development review process, the land use agency (City or County) is required to obtain a Water Supply

Assessment, including a pre- and post- project water balance, from the project proponent. The WSA must also be reviewed and approved by IID for water availability.

- **Crop Idling – Changes in Land Use, Conditional Use Permit:** A conditional use permit allows a temporary change in land use. The temporary change from agriculture to another use (e.g., solar photovoltaic) is for the term of the CUP; however, the land remains zoned for agricultural use. As noted above, the County is working on a solar ordinance, and IID has created a policy to manage water that may result from a reduction in use due to a change in use resulting from a CUP being issued.
- **Crop Idling - Fallowing Program:** Fallowing (for example for a period of two out of four years) is a short-term change in land use with resultant reduction in water use, and would be similar to the existing Equitable Distribution Plan or Salton Sea Mitigation program.
- **Agricultural Exchange:** Transfer of water between or among agricultural users in SDI years as provided in the 2009 IID Equitable Distribution Plan Regulations.
- **New MCI Demand:** Water supply primarily for future geothermal/solar thermal cooling with or without conservation best management practices (146 KAF, 180 KAF respectively), but could be the result of proposed changes in land use by a project proponent or the County or City pursuant to their land use authorities (see Appendix D).