


Merced Subbasin GSA
Joint Technical and Advisory Committee Meeting
June 27, 2019



SCENARIOS FOR ALLOCATION WITHIN THE MERCED SUBBASIN GSA

Demand reduction considerations for the Merced Subbasin GSA

- Important numbers for the GSA
 - ~ 337,000 total acres
 - ~ 170,000 irrigated acres
 - ~ 470,000 acre-feet applied annually
 - ~270,000 acre-feet of groundwater available
- Without additional surface water, need to reduce total applied water by about 200,000 acre-feet by 2040



COORDINATION COMMITTEE UPDATE



Water Allocation Framework

Image courtesy: Veronica Adrover/UC Merced

Water Allocation Framework

- **Special Session of Coordinating Committee discussed definition of Developed Supply held 6/19**
- **Summary:**
 - Purpose was to discuss language in the draft GSP on Developed Supply and Water Allocation Framework
 - General agreement that the numbers in draft GSP (allocation estimates) will not change
 - MIUGSA wants to be sure the definition of developed supply is not limited solely to seepage from unlined canals, and recognizes there are other sources of developed supply reaching the basin.
 - Point reiterated in session that in implementing framework will need to look at water rights once estimates refined.
 - Miscommunication identified in agreement on whether GSAs can determine allocation within their own boundaries

Image courtesy: Veronica Adrover/UC Merced

Water Allocation Framework

- Include working definition of developed supply
- Note that the full definition and ownership of developed water would need to be agreed upon by GSAs after adoption. Groundwater originating from developed supply can include seepage from unlined surface water conveyance, deep percolation of applied surface water, leakage from surface water infrastructure, and potentially other sources.
- Add footnote that developed supply in this GSP was calculated based on estimated seepage from unlined conveyance and will be refined and further documented in the future.
- Identify future work needed for GSP updates
 - Develop, refine, and document estimates of developed supply
 - Determine rights to confirmed estimates of developed supply

Image courtesy: Veronica Adrover/UC Merced



Next Meeting
