

**Figure A7-1 and A7-2: MRGCD and Small Sandoval Systems - Components of Water Demand**

All land, water, crop and cost numbers presented in this table are based on published documents or data from agencies, many of which use estimates or placeholder assumptions to assign values. These values are based in part on empirical data (measurements, studies) however, they should not be considered as measured data. Therefore, the results of this analysis should be viewed as conceptual only and not as factual. Specific, more accurate data needs include, cropped acreages, crop irrigation requirements, on- and off-farm efficiency coefficients. References for all source documents have been provided.

Assumptions and Notes		Efficiency coefficients from Wilson, B., (1999) (1997)								
Irrigation Component		Sandoval (MRGCD)	Bernalillo (MRGCD)	Valencia (MRGCD)	Sandoval Small	Types	Sandoval (MRGCD)	Bernalillo (MRGCD)	Valencia (MRGCD)	Sandoval Small
1	Consumptive Irrigation Requirement	2.20	2.20	2.20	1.13					
2	Incidental Depletions, On-Farm, Below Farm	0.69	0.55	0.35	0.25	ID-On, Below	15.0%	12.0%	7.9%	11.0%
3	Deep Percolation and Runoff	1.70	1.83	1.85	0.88	On-farm	48.0%	48.0%	50.0%	50.0%
4	Incidental Depletions, Off-Farm	0.08	0.08	0.15	0.04	ID-Off	3.0%	3.0%	6.0%	3.0%
5	Seepage	2.50	2.50	2.33	1.23	Off-Farm	64.0%	64.0%	64.0%	64.0%
6	Total System Diversion	7.16	7.16	6.88	3.53					
7	Conveyance Loss	2.58	2.58	2.48	1.27					
8	Farm Delivery Requirement	4.58	4.58	4.40	2.26					
9	Total System Diversion	7.16	7.16	6.88	3.53					

