

**Table 4-1
Subsurface Inflow Boundary Conditions for 2003 Watermaster Model**

Boundary Segment	Source Water	Initial Estimate (acre-ft/yr)	Source of Initial Estimate	Final Estimate from Calibration (acre-ft/yr)
Redhill Fault	Cucamonga Basin	8,500	Hydrologic Study of the Cucamonga Groundwater Basin (CDM, 1999)	8,500
San Sevaine Canyon	Underflow from San Gabriel Mountains	720	Watermaster Rapid Assessment Model	720
Rialto Colton Fault	Rialto Colton Basin	2,100	Watermaster Rapid Assessment Model	3,900
Bloomington Divide	Riverside Basin	800	Watermaster Rapid Assessment Model	1,600
Pedley Jurupa area	Underflow from the east	890	Watermaster Rapid Assessment Model	890
Riverside Narrows	Underflow from Riverside Basin	130	Watermaster Rapid Assessment Model	130
Chino Hills South	Underflow from Chino and Puente Hills	250	Watermaster Rapid Assessment Model	250
Chino Hills North		300		300
Putente Hills		300		300
San Jose Fault - Pomona	Pomona Basin	650	Watermaster Rapid Assessment Model	650
San Jose Fault - Claremont	Claremont Basin	740		740
San Gabriel Mountains	Underflow from San Gabriel Mountains east of San Antonio	570	Watermaster Rapid Assessment Model	570
Temescal Creek	Underflow from Arlington Basin and Temescal Creek			1,340
Santa Ana Mountains	Underflow from Santa Ana Mountains and Urban areas on the Southwest			1,180
Total Boundary Flow		<u>15,950</u>		<u>21,070</u>

Note -- All inflows assumed constant throughout calibration period and future projections.