

Revised Table 6.B Water Balance Analysis for Alternative 2: LEED Silver Design.

Corral De Tierra Neighborhood Village Project - LEED Alternative REVISED Water Balance Analysis					
Pre-Project					
Water Use					Water Use AFY
Project Site					0.00
Existing Service Station					0.00
Hillside					0.00
Total Water Use					0.00
Recharge	Total Area acres	Undeveloped Area (1) acres	Mean Annual Precipitation(2) inches/year	Recharge Rate (3)	Recharge AFY
Project Site	11.0	11.0	15.5	0.04	0.57
Existing Service Station	0.7	0.07	15.5	0.01	0.00
Hillside	3.6	3.6	15.5	0.08	0.37
Total Recharge					0.94
Water Balance = Recharge - Water Use					0.94
Post-Project					
Water Use	Area (4) square feet	Multiplier (5)		Demand AFY	LEED (6) AFY
Retail/Office/Market	109,500	0.00007		7.665	5.366
Deli/Pizza/Bakery/Coffee	17,023	0.0002		3.4046	2.383
Landscaping	1.69 acres x 1.46 af/ac per Denise Duffy and Associates			2.46	0.492
Total Water Use					8.24
Recharge	Total Area acres	Developed Area (7) acres	Mean Annual Precipitation inches/year	Recharge Rate (8)	Recharge AFY
Project Site	11.0	9.35	15.5	0.80	9.66
Existing Service Station	0.7	0.63	15.5	0.80	0.65
Hillside	3.6	0	15.5	0.13	0.60
Total					10.92
Water Balance = Recharge - Water Use					2.68
Net Change					
Post-Project Water Balance - Pre-Project Water Balance					1.7