

Table 3.2-3 of the Draft EIR. Groundwater Recharge Facilities

Facility Name	Owner or Operator	Conveyance Used to Serve Facility Turnout Name & Capacity (cfs)	RECHARGE FACILITY CHARACTERISTICS ^a				Groundwater Basin (and sub-basin) Recharged ^e
			Active Recharge Facility Area ^b (acres)	Percolation Rate ^c (ft/day)	Monthly Capacity (af)	Absorptive Capacity used in Allocation Analysis ^d (cfs)	
Santa Ana River Spreading Grounds	Conservation District	Foothill Pipeline	60 ^g	1.5	3,060	50 ^h	SBBA (Bunker Hill)
		Santa Ana Low Flow (288)					
Devil Canyon and Sweetwater Basins	SBCFCD ^f	Foothill Pipeline	30	1.5	1,350	23	SBBA (Bunker Hill)
		Sweetwater (37)					
Lytle Basins	Lytle Creek Water Conservation Association	Fontana Power Plant	Variable	1.5	Variable	30 ⁱ	SBBA (Lytle Creek)
		Constructed drainage channel					
City Creek Spreading Grounds	SBCFCD	Foothill Pipeline	75	1.5	3,375	57	SBBA (Bunker Hill)
		City Creek (60)					
Patton Basin	SBCFCD	Foothill Pipeline	3	0.3	27	1	SBBA (Bunker Hill)
		Patton (12)					
Waterman Basins	SBCFCD	Foothill Pipeline	120	0.5	810	30 ^j	SBBA (Bunker Hill)
		Waterman (135)					
East Twin Creek Spreading Grounds	SBCFCD	Foothill Pipeline	32	1.5	225	24 ^k	SBBA (Bunker Hill)
		Waterman (135)					
Badger Basins	SBCFCD	Foothill Pipeline	15	0.5	225	4	SBBA (Bunker Hill)
		Sweetwater (22)					
Mill Creek Spreading Grounds	SBVWCD	Greenspot Pipeline	26	1.5	1,170	20	SBBA (Bunker Hill)
		Mill Creek Spreading (50)					

Table 3.2-3 of the Draft EIR. Groundwater Recharge Facilities (continued)

Facility Name	Owner or Operator	Conveyance Used to Serve Facility	RECHARGE FACILITY CHARACTERISTICS ^a				Groundwater Basin (and sub-basin) Recharged ^e
		Turnout Name & Capacity (cfs)	Active Recharge Facility Area ^b (acres)	Percolation Rate ^c (ft/day)	Monthly Capacity (af)	Absorptive Capacity used in Allocation Analysis ^d (cfs)	
Cactus Spreading and Flood Control Basins	SBCFCD	San Gabriel Valley Municipal Water District Lytle Pipeline	46	1.5	2,070	35	Rialto-Colton
		Lower Lytle Creek (55)					
Wilson Basins	SBCFCD	East Branch Extension	12	1	360	6	Yucaipa Basin
		Wilson Basins (30)					
Garden Air Creek	Muni	East Branch Extension	n/a	n/a	n/a	16	San Timoteo Basin
		Garden Air Creek (16)					

Notes:

- a. Values are from tabulation on map contained in Water Right Application by Muni and Western to appropriate water from the SAR or by engineering evaluation of spreading grounds.
- b. Recharge facility area is the geographical extent of each basin that can be inundated for recharge.
- c. Estimated percolation rate. This is the estimated rate at which water can percolate into the ground through the basin, expressed in feet per day. The values used have generally been computed from the annual recharge capacity tabulated on the application map. These rates are typically about one-half of the percolation rates presented by the United States Geological Survey (USGS 1972). The use of the smaller percolation rates is reasonable in that this Project would involve longer-term percolation rates that are typically smaller than short-term rates.
- d. The estimated absorptive capacity for each site is computed by multiplying the basin area by the estimated percolation rate. Results are expressed in cubic feet per second (cfs) and used in the Allocation Model in acre-feet per month.
- e. Note that there may be flow out of the sub-basin or basin identified. For example, a report by Geoscience Support Services, Inc. (1992) estimated that only 36 percent of the water recharged in the upper Lytle Creek area remains in the Lytle Creek sub-basin, while most of it flows to the Rialto-Colton Basin.
- f. San Bernardino County Flood Control District.
- g. Recharge facility area of 60 acres used, based on analysis of 1995 aerial photographs. However, the application map shows an area of 448 acres, which includes the borrow pit area for Seven Oaks Dam, possibly usable for recharge.
- h. Santa Ana River Spreading Grounds were assigned 50 cfs because of shared use of this facility.
- i. Available absorptive capacity of Lytle Basins is assigned 30 cfs per month for use in the Allocation Model because of groundwater recharge targets; however, it has a higher estimated absorptive capacity of 97 cfs.
- j. Available absorptive capacity for the Waterman Spreading Ground was assigned 30 cfs per month in the Allocation Model based on historical recharge rates. This would require use of 54 acres of the total site of 165 acres.
- k. Available absorptive capacity for the East Twin Creek Spreading Grounds was assigned 24 cfs per month in the Allocation Model based on historical recharge rates. This would require use of 32 acres of the total site of 144 acres.