



(877) 300-WATER

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Sanitation Districts of Los Angeles County

## Joint Outfall System

The Joint Outfall System is a *regional, interconnected system* of facilities providing wastewater collection and treatment for residential, commercial and industrial users in 73 cities. The system includes the main Joint Water Pollution Control Plant (JWPCP) in Carson and the following six satellite Water Reclamation Plants (WRPs):

- Whittier Narrows WRP (near South El Monte)
- Los Coyotes WRP (Cerritos)
- San Jose Creek WRP (adjacent to the City of Industry)
- Long Beach WRP (Long Beach)
- Pomona WRP (Pomona)
- La Cañada WRP (La Cañada Flintridge)

### JWPCP History and Facts

- Placed in operation February 4, 1928
- Treatment Capacity: 400 mgd
- Size: 400 acres, about half of which is for treating wastewater and the other half is buffer property
- Central solids processing facilities for all seven treatment facilities
- Green Energy Facility placed in operation December 20, 1985
- Electricity production: 18 megawatt (MW) – enough to run the plant

### Water Reclamation Plants

**Pomona.** The Pomona WRP, located in Pomona, has a treatment capacity of 15 mgd. More than half the purified water produced at this facility is supplied to local distribution systems operated by the Pomona Water Department and the Walnut Valley Water District. Over half of the purified water produced by the Pomona WRP is reused for irrigation of parks, schools, golf courses, landscaping and green belts, and irrigation and dust control at the Spadra landfill. The remainder of the purified water is discharged into the San Jose Creek flood control channel where it makes its way into the unlined portion of the San Gabriel River and percolates into groundwater for reuse.

**San Jose Creek.** The San Jose Creek WRP, located in an unincorporated area near the City of Industry, is the Districts' largest WRP and has a treatment capacity of 100 mgd. Approximately half of the purified water produced at this plant is reused for groundwater recharge and irrigation of parks, schools, and greenbelts. The remainder flows into the San Gabriel River and to the ocean.

**Whittier Narrows.** The Whittier Narrows WRP, located in an unincorporated area near South El Monte in the Whittier Narrows Flood Control Basin, has a treatment capacity of 15 mgd. Virtually all of the purified water produced at the Whittier Narrows WRP is reused as groundwater recharge into the Rio Hondo and San Gabriel Coastal Spreading Grounds or for irrigation at an adjacent nursery.

**Los Coyotes.** The Los Coyotes WRP, located in Cerritos, has a treatment capacity of 37.5 mgd. Purified water from the Los Coyotes WRP is used for irrigation of the Ironwood Nine Golf Course and driving range, schools, parks, nurseries and green belts, and industrial use at local companies in several neighboring cities. The remainder flows into the San Gabriel River and to the ocean.

**Long Beach.** The Long Beach WRP, located in Long Beach, has a treatment capacity of 25 mgd. Purified water produced at this WRP is reused by the City of Long Beach for irrigation and landscaping. The remainder flows into the San Gabriel River and to the ocean.

**La Cañada.** The La Canada WRP is located on the grounds of the La Canada Flintridge Country Club. The plant serves the 425 homes surrounding the golf course. All of the treated water is put into the four lakes on the 105-acre golf course. Lake water is used for landscape irrigation of the golf course.

## **Sewers and Pumping Plants**

The Joint Outfall System contains over 1260 miles of trunk sewers ranging in diameter from 8-inches to 144-inches (12 feet). The trunk sewers collect flow from local sewers operated by the individual cities and the County of Los Angeles. About 85 percent of the flow is collected by gravity, but the remainder must be pumped before it reaches one of the treatment plants. Fifty-two pumping plants are strategically located throughout the system to compensate for differences in terrain that prevent the wastewater from reaching treatment plants by gravity alone.

## Cities Located Within the Sanitation Districts' Service Area

<b>Joint Outfall District Cities</b>			
Alhambra	Downey	Lomita	Rosemead
Arcadia	Duarte	Long Beach	San Dimas
Artesia	El Monte	Los Angeles	San Gabriel
Azusa	El Segundo	Lynwood	San Marino
Baldwin Park	Gardena	Manhattan Beach	Santa Fe Springs
Bell	Glendora	Maywood	Sierra Madre
Bell Gardens	Hawaiian Gardens	Monrovia	Signal Hill
Bellflower	Hawthorne	Montebello	South El Monte
Bradbury	Hermosa Beach	Monterey Park	South Gate
Carson	Huntington Park	Norwalk	South Pasadena
Cerritos	Inglewood	Palos Verdes Estates	Temple City
City of Commerce	Irwindale	Paramount	Torrance
City of Industry	La Cañada Flintridge	Pasadena	Vernon
Claremont	La Habra Heights	Pico Rivera	Walnut
Compton	La Mirada	Pomona	West Covina
Covina	La Puente	Rancho Palos Verdes	Whittier
Cudahy	La Verne	Redondo Beach	
Culver City	Lakewood	Rolling Hills	
Diamond Bar	Lawndale	Rolling Hills Estates	
<b>Cities Outside the Joint Outfall System</b>			
Beverly Hills	Palmdale	West Hollywood	
Lancaster	Santa Clarita		