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JWPCP's 24-hour hotline:
(310) 830-2401



Citizens Advisory Committee
Joint Water Pollution Control Plant

Newsletter

La versión en Español está disponible en www.lacsd.org

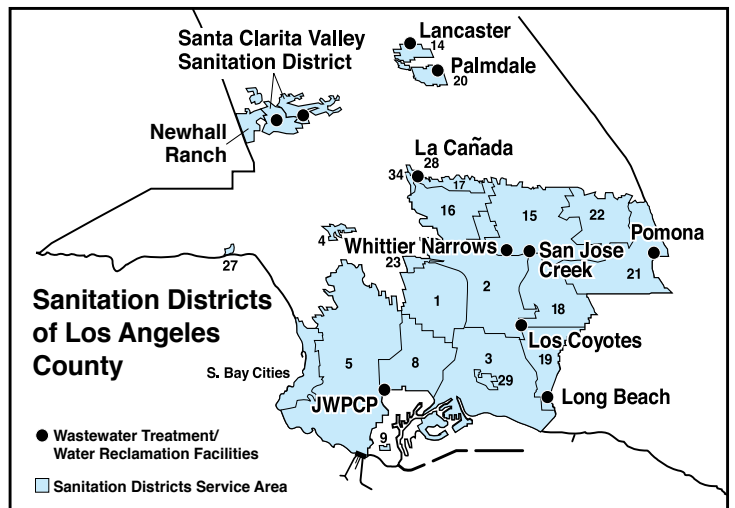
www.lacsd.org

July 2019

The Joint Water Pollution Control Plant (JWPCP) is the wastewater (sewage) treatment plant located on both sides of Figueroa Street, between Sepulveda Blvd. and Lomita Blvd. in the City of Carson. If you would like to know more about the JWPCP, a public tour will be held on Saturday, August 3, 2019 (see back page for more information).

Who Operates the JWPCP?

The JWPCP is owned and operated by the Sanitation Districts of Los Angeles County (Sanitation Districts). The Sanitation Districts are a public agency that protects public health and the environment through innovative and cost-effective wastewater and solid waste management and, in doing so, converts waste into resources such as recycled water, energy, and recycled materials. The Sanitation Districts serve about 5.6 million people in 78 cities and unincorporated territory within the county. (See service area map to the right.)



The Sanitation Districts, using a system with approximately 1,400 miles of trunk sewers, 48 pumping plants, and 11 wastewater treatment plants, treat about half the

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wastewater in Los Angeles County. The JWPCP is the largest of the Sanitation Districts' wastewater treatment plants with a capacity of 400 million gallons per day.

The Sanitation Districts also operate a comprehensive solid waste management system, serving the needs of a large portion of Los Angeles County. For more information, visit our website at www.lacsd.org.

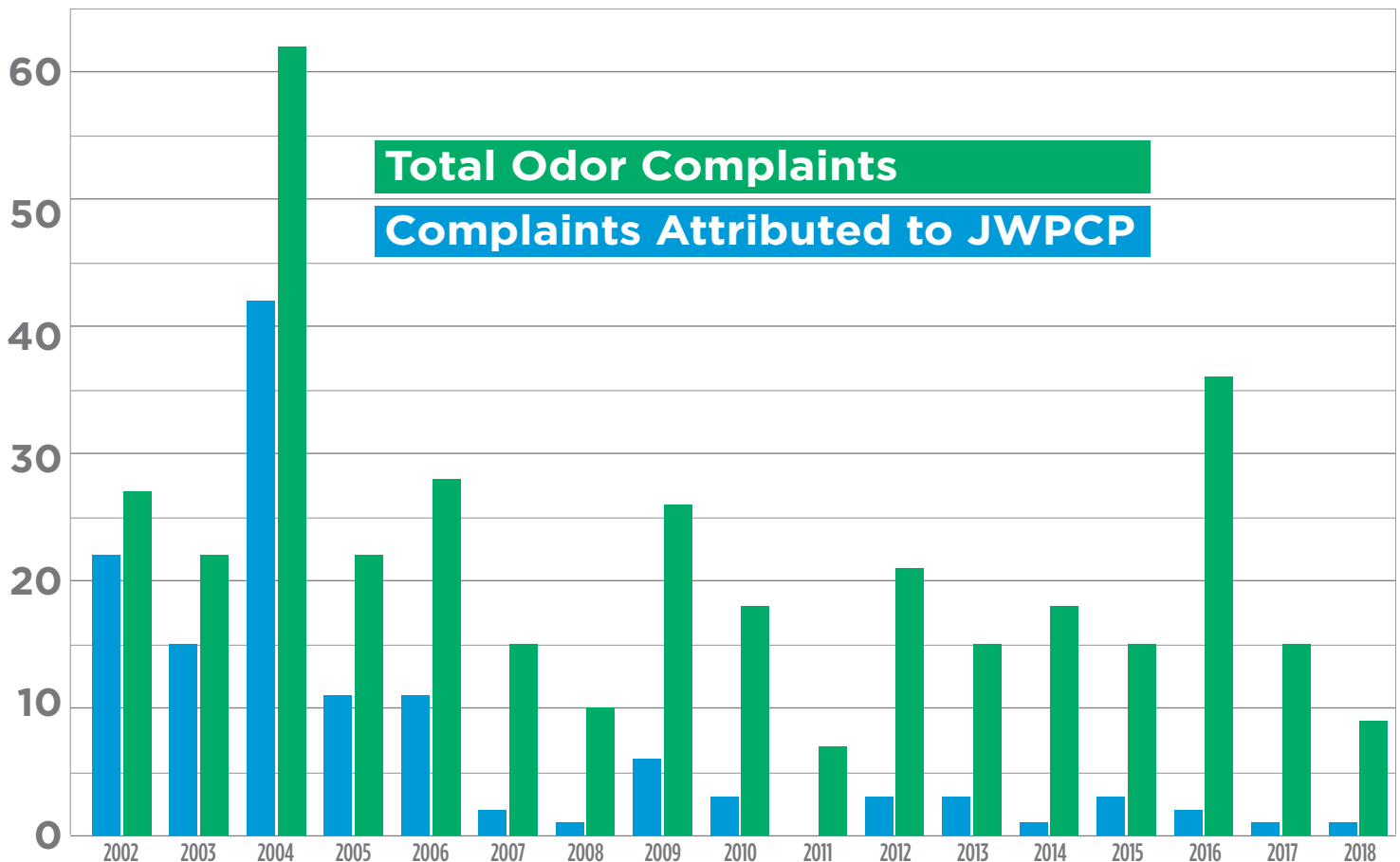
JWPCP Property Description

The JWPCP property covers more than 400 acres and is shown on the photo to the right. Besides property used for wastewater treatment purposes (areas 1-6), the JWPCP has various buffer areas between its operational areas and surrounding residential neighbors (areas 8-15). The buffer areas include the Wilmington Jaycees Athletic Complex, the Wilmington Boys and Girls Club, the 17-acre Bixby Marshland, the former Fletcher Oil property, the Home Depot commercial complex, and a compressed natural gas fueling station.



1. Administrative office
2. Primary treatment
3. Solids digestion
4. Power generation
5. Secondary treatment
6. Solids dewatering facilities
7. Kellogg Supply Inc. offices
8. CNG Fueling Station
9. Bixby Marshland
10. Home Depot Commercial Complex
11. Wilmington Jaycees Athletic Complex
12. Wilmington Boys and Girls Club
13. Former Fletcher Oil Company
14. Advanced Water Purification Demonstration Facility
15. Location of Clearwater Project shaft site
16. Nursery Property

The JWPCP is divided into four functional areas: Primary and Secondary Treatment of wastewater; Solids Processing, where the treated solids from solids processing are dewatered; and Power Generation, fueled by biogas produced on-site during solids processing, which makes the JWPCP virtually energy self-sufficient.





Joint Water Pollution Control Plant Citizens Advisory Committee. Left to right: Norma Pedregon, Ray DiPietro, Basil Hewitt, Will Harrigan-Anderson, Darcy Alcantara, Lois Shipman, Sharon Shipman-Maribel.

SANITATION DISTRICTS' COMMITMENT

We are committed to being a good neighbor. With the help of the JWPCP Citizens Advisory Committee (photo above), which has been working with the Sanitation Districts since 1978, we have consistently addressed community concerns. **If you are interested in becoming a member of the Citizens Advisory Committee**, please call Basil Hewitt at (562) 908-4288, Ext. 2303.

Odor Control at JWPCP

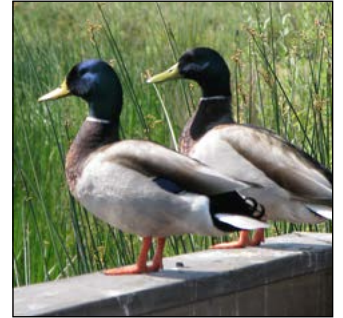
More than \$70 million has been spent on odor control facilities at the JWPCP. These efforts have resulted in a dramatic reduction in plant-related odors over the years, as shown in the chart on the facing page.

In keeping with our commitment, if you experience odors from the treatment plant, please call us to report them. Details, such as frequency of odors, time of day, and type of odor, are invaluable to Sanitation Districts' staff in addressing your concerns. **Please call (310) 830-2401 as soon as you detect an odor.** This hotline is staffed 24 hours a day, 7 days a week. Plant personnel will be sent to help in identifying the odor. If the odor is coming from the treatment plant, we will make every effort to eliminate the source of the odor.

BIXBY MARSHLAND

The Sanitation Districts own and maintain the Bixby Marshland (#9 on the property diagram on facing page), a 17-acre marsh near the intersection of Figueroa St. and Sepulveda Blvd. We restored and enhanced the marshland for the benefit of our neighbors. The site is a special place to connect with nature in the middle of an urban area.

The Bixby Marshland (photos right and below) is a remnant of a formerly extensive natural freshwater wetland known as Bixby Slough, which was destroyed due to development over the years. Wetlands are home to 43 percent of the federally listed endangered and threatened species, and provide habitat for birds, mammals, amphibians, invertebrates, fish, and a diverse group of plants.



The marshland is open the first Saturday of each month from 8AM – 12PM for guided and self-guided tours, as well as group tours by appointment. **To schedule a tour**, please contact Wendy Wert at (562) 908-4288, Ext. 2308 or wwert@lacsdsd.org.

CLEARWATER PROJECT

The JWPCP began operations in 1928 and is the cornerstone of Los Angeles County's main sewer system. A critical component of this plant is the tunnel and outfall system that conveys cleaned water from JWPCP to the ocean.

In 2012, after years of planning and environmental review, the Sanitation Districts' Board of Directors approved the Clearwater Project to protect local waterways by addressing aging, critical infrastructure. As a result, a new 7-mile tunnel will be built from the JWPCP to existing ocean outfalls located at Royal Palms Beach.

A Crucial Project

- The two existing tunnels are **aging, critical infrastructure**, built in 1937 and 1958. They cannot be taken out of service for inspection and repair because they must continuously carry flow. *(continued on page 4)*



Bixby Marshland

JWPCP Public Tour: 9:00AM, Saturday, August 3

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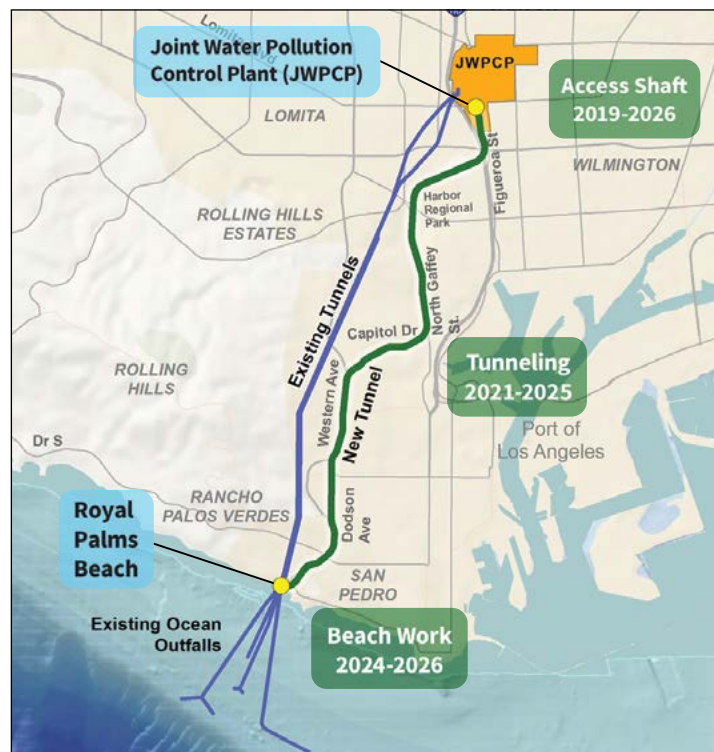
- The existing tunnels are **not built to current seismic standards**, yet they cross two earthquake faults.
- The existing tunnels' **capacity was almost exceeded twice during major rainstorms**, once as recently as January 2017.

Without the Clearwater Project, any of these concerns could result in partially treated or untreated wastewater being discharged to surrounding waterways.

Construction (2019-2026)

Construction has begun in Carson and will finish in 2026 at Royal Palms Beach. The project is designed to minimize community impacts and will occur almost entirely underneath public right-of-way (streets – see green line on map below). Almost all construction will occur underground utilizing a tunnel boring machine. Surface work will mainly occur at JWPCP and Royal Palms Beach, both of which will be shielded by visual/sound barriers during construction. Soil from tunneling will be hauled away from the JWPCP site by trucks using modern, clean engines, along a route that does not pass any residential neighborhoods. Access to Royal Palms Beach will be maintained at all times during construction, and work will be confined to the smallest area possible to minimize impact.

Additional information can be obtained by visiting www.Clearwater.lacsd.org or following us on social media at [Facebook.com/ClearwaterProjectLA](https://www.facebook.com/ClearwaterProjectLA).



PROVIDING INNOVATIVE STORMWATER MANAGEMENT

Water flowing in storm drains to rivers and the ocean is a major source of pollution. In 2016, the Sanitation Districts were given the authority to assist cities with stormwater management and treatment. Our expertise combined with our extensive wastewater (sewage) infrastructure enable us to develop projects that improve water quality and, in some cases, enhance water supply.

Carson Carriage Crest Park Stormwater Project

Our first project under this new authority is the Carriage Crest Park Stormwater Project, which is being developed by the Sanitation Districts on behalf of the City of Carson and will provide stormwater compliance for a large area including parts of Carson, Torrance, Los Angeles and unincorporated Los Angeles County.

This project involves diverting up to 20,000 gallons per minute of water from an existing storm drain to a pre-treatment system and a 4.4-million gallon temporary underground storage facility. Using a real-time sewer level monitoring system, a pump station will release stormwater from the storage facility to our nearby sewer for treatment when capacity is available. This innovative system doubles the effectiveness of the storage facility and greatly reduces the capital cost compared to conventional stormwater capture systems.

The Carriage Crest Park Stormwater Project is currently under construction, scheduled to be completed by Fall 2020. The City of Carson will operate and maintain the new facilities, with the County of Los Angeles sharing in the costs.

JWPCP PUBLIC TOUR

The Sanitation Districts invite you to attend the annual public tour of the JWPCP on **Saturday, August 3rd at 9:00AM**. The tour will last 90 minutes, and snacks and beverages will be served. **Please RSVP by calling** Sylva Raygoza at (562) 908-4288, Ext. 2301, by Wednesday, July 31. We look forward to seeing you there.

Give Us A Call

We are committed to being a good neighbor and want your input. So please do not hesitate to contact Ken Rademacher, JWPCP Manager, at (310) 830-2400, Ext. 5245 (krademacher@lacsd.org), or Basil Hewitt, at (562) 908-4288, Ext. 2303 (bhewitt@lacsd.org).