

The Joint Water Pollution Control Plant (JWPCP) is the wastewater treatment plant located on both sides of Figueroa Street, south of Sepulveda and north of Lomita. This newsletter will update you about the operations at the JWPCP. **If you would like to know more about the JWPCP, a public tour will be held on Saturday, August 3 (see back page for more information).**

WHO OPERATES THE JWPCP?

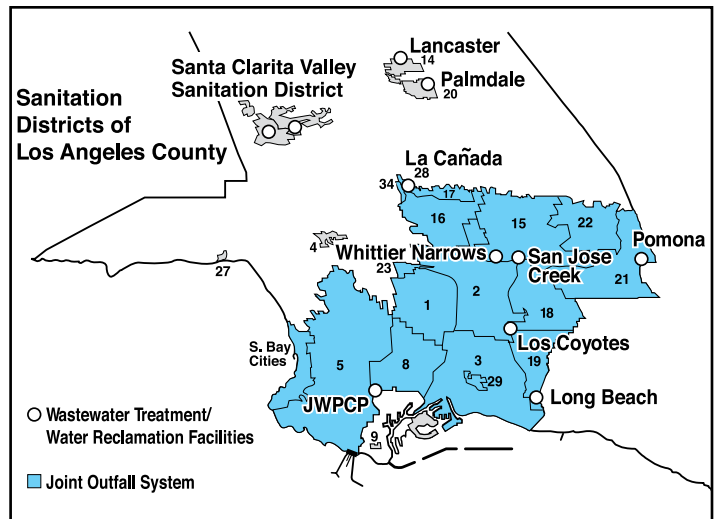
The JWPCP is owned and operated by the Sanitation Districts of Los Angeles County (Sanitation Districts). The Sanitation Districts protect public health and the environment through innovative and cost-effective wastewater and solid waste management and, in doing so, convert waste into resources such as recycled water, energy, and recycled materials. The Sanitation Districts function on a regional scale and consist of 23 independent special districts serving about 5.4 million people in 78 cities and unincorporated territory within the county (see map right).

Approximately 1400 miles of main trunk sewers, 50 pumping plants, and 11 wastewater treatment plants convey and treat about half the wastewater in Los Angeles County. The JWPCP is the largest of the Sanitation Districts' wastewater treatment plants. It has 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 on the Sanitation Districts' wastewater and solid waste management systems, visit our website at www.lacsd.org.

JWPCP PROPERTY DESCRIPTION

The JWPCP property covers over 400 acres and is shown on the photo, 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 8-14). The buffer areas include nursery operations on



Legend for JWPCP Property, below:

- | | |
|---------------------------------|---|
| 1. Administrative office | 10. Color Spot Nursery |
| 2. Primary treatment | 11. Home Depot |
| 3. Solids digestion | Commercial Complex |
| 4. Power generation | 12. Wilmington Jaycees Athletic Complex |
| 5. Secondary treatment | 13. Wilmington Boys and Girls Club |
| 6. Solids dewatering facilities | 14. Former Fletcher Oil Company |
| 7. Kellogg Supply Inc. offices | |
| 8. CNG Fueling Station | |
| 9. Fresh water marsh area | |



property leased to Color Spot, 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 (CNG) fueling station.

The JWPCP is divided into four functional areas: Primary Treatment, where physical treatment of raw wastewater takes place and solids removed from the treatment processes are biologically treated in digesters; Secondary Treatment, where the wastewater leaving primary treatment receives further biological treatment; Solids Processing, where the treated solids from the digesters are dewatered; and Power Generation, which makes the JWPCP virtually energy self-sufficient using, as fuel, a waste gas produced on-site in the solids digestion process. The treated wastewater is then disinfected and sent to the ocean through an ocean outfall system that extends 1½-miles off shore from White Point on the Palos Verdes Peninsula.

ODOR CONTROL AT JWPCP

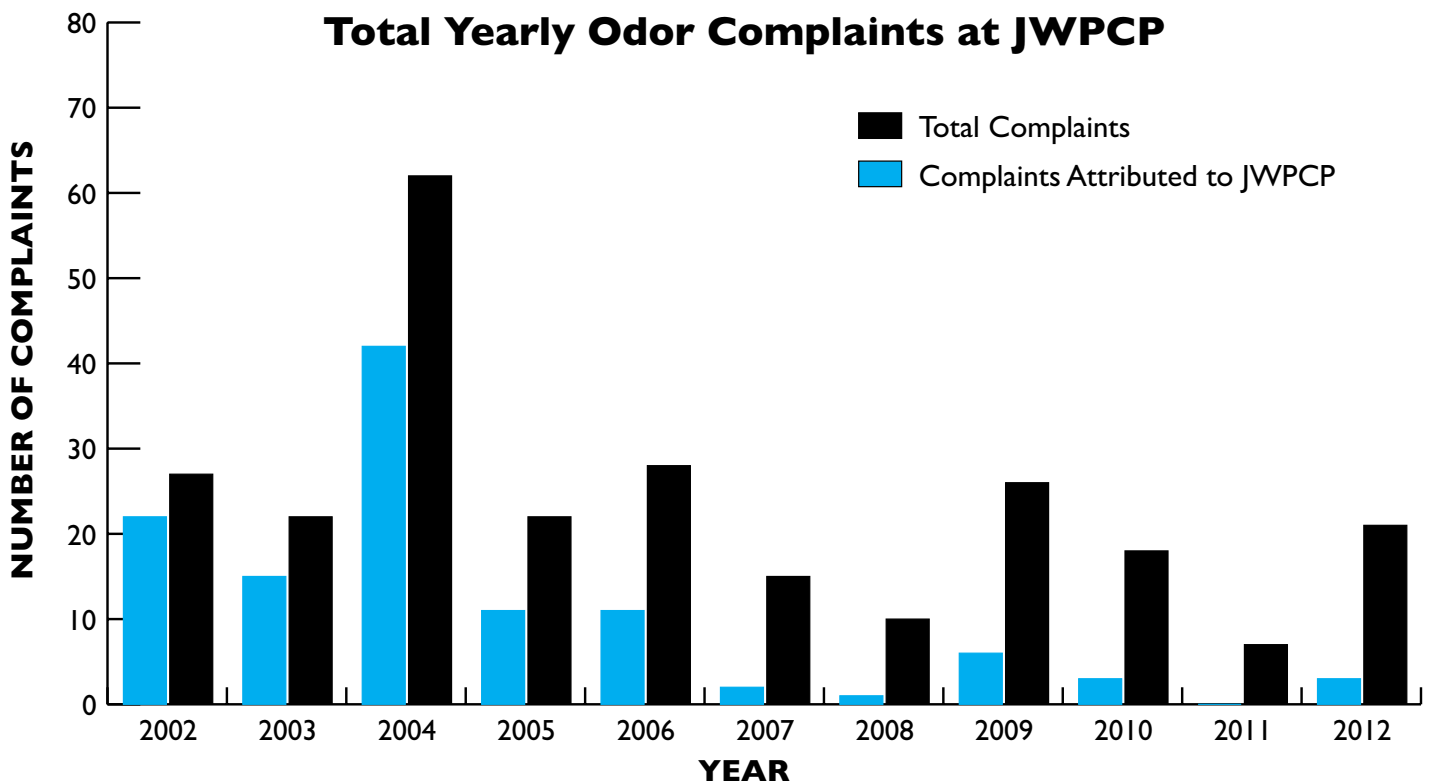
More than \$70 million has been spent to reduce odors from the JWPCP in the past twelve years. These odor control efforts have resulted in a dramatic reduction in plant related odors. The total yearly odor complaints have dramatically dropped over the years as shown in the chart below.

Sanitation Districts' Commitment

The Sanitation Districts are committed to make every effort to reduce odors from the JWPCP to an insignificant level. With the help of the JWPCP Citizens Advisory Committee (photo below), which has been working with the Sanitation Districts since 1978 to help the JWPCP to be a better neighbor, the Sanitation Districts will continue to seek improvements to reduce plant related odors.



Joint Water Pollution Control Plant Citizens Advisory Committee. Left to right: Al Shipman, JoAnn Wysocki, Ray DiPietro, and Norma Pedregon. Absent are Millie Atkins-Fernan and Mary Gant.



CLEARWATER PROGRAM

If you experience odors coming from the treatment plant, please call us to report them. Your input concerning frequency of odors, time of day, and type of odor is not only invaluable, it is critical to Sanitation Districts' staff in solving the odor problem. The **24-hour telephone number is (310) 830-2401 and is staffed night and day. Please call as soon as you detect an odor.** When you call, plant personnel will be sent to your home to help in identifying the odor. If it 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 property diagram), a 17-acre marsh near the intersection of Figueroa Street and Sepulveda Blvd. The marshland was restored and enhanced for the benefit of our neighbors. It is a unique habitat located in an urban setting. The Bixby Marshland is a remnant of a formerly extensive natural-freshwater wetland known as Bixby Slough. Over the years, most of Bixby Slough was destroyed due to development. Wetlands are important because they are home to 43 percent of the federally listed endangered and threatened species. They provide habitat for birds, animals, amphibians, invertebrates, fish, and a diverse group of plants.

The marshland is open the first Saturday of each month from 8 a.m. – 12 p.m. Docents are onsite to provide tours to those interested or self-guided tours are also available. Tours for groups may also be scheduled by appointment. To schedule a tour, please call (562) 908-4288, ext. 2303 or email rsoni@lacs.org.

The Clearwater Program is a comprehensive planning effort undertaken by the Sanitation Districts to develop a Master Facilities Plan (MFP) and Environmental Impact Report (EIR) for the Joint Outfall System (JOS), a large regional wastewater management system that includes the JWPCP (see map on front page).

The overall goal of the Clearwater Program is to identify a plan that is protective of public health and best meets the needs of the JOS through the year 2050 in a cost-effective and environmentally sound manner. The goals are to provide adequate system capacity to meet the needs of the growing population, provide for overall system reliability by allowing for the inspection, maintenance, repair, and replacement of aging infrastructure, provide support for emerging recycled water reuse and biosolids beneficial use opportunities, and provide a long-term solution for meeting water quality requirements established by regulatory agencies.

Inspection and possible replacement of aging infrastructure is especially of interest to our neighbors of the JWPCP. Currently, the Sanitation Districts rely on two onshore tunnels and four offshore ocean outfall structures to transport the treated water from the JWPCP to the ocean. The two tunnels were built in 1937 and 1958 and have not been inspected for over 50 years. Inspection of the tunnels is not possible due to their overall length, limited access, interconnections between the tunnels, and continuous flow through the tunnels. In 1995, two major storms nearly exceeded the capacity of the JWPCP ocean discharge system and almost flooded the plant. Because of these concerns, the Clearwater Program evaluated modifying the existing ocean discharge system and the potential for building a new ocean discharge system.

An extensive public outreach program began in 2006 to inform the community about the Clearwater Program and gather input to help the Sanitation Districts make the necessary decisions to produce the MFP and EIR. More than 500 public outreach meetings with public officials, community leaders, civic and community groups, businesses, environmental organizations, news media, and various local, state, and federal agencies were held. Their input provided valuable guidance during the alternatives analysis and environmental review process. The Sanitation Districts also conducted

four public workshops, five public scoping meetings, and three public hearings, all of which were advertised in local newspapers. The public outreach effort was supplemented with newsletters, an informational video, a telephone hotline, and a dedicated website (www.ClearwaterProgram.org). This approach generated a project mailing list of more than 4,000 interested parties.



The MFP and EIR were certified by the Sanitation Districts' Directors in November 2012. Part of the approved project will be the modification of the existing ocean discharge system by the construction of a new onshore tunnel to connect to the existing ocean outfalls. The new tunnel would be built completely underground using a tunnel boring machine (TBM), at a depth of 70 to 450 feet below the surface. The new tunnel would begin on JWPCP property south of Lomita Blvd. near Figueroa St, adjacent to the Harbor Freeway. A working shaft would be built approximately 140 deep and about 40-60 feet in diameter. This is where the TBM would be lower into the tunnel and all excavation materials would be removed.

The tunnel would go south under Figueroa St, under Harbor Regional Park, south under North Gaffey St, southwest under Capitol Drive, south under Western Ave, south under South Dodson Ave, southwest under Western Ave, and end at Royal Palms Beach where it would connect to the existing ocean outfalls. The Royal Palms shaft site would be located mostly within Sanitation Districts-owned property. (see map, right)

Design of the new tunnel will begin in 2013 and should take about three years to complete. Construction should begin in 2016 and is expected to last for about six years. The total cost of the modified ocean discharge system would be approximately \$550 million.

Additional information can be obtained by visiting www.ClearwaterProgram.org.

JWPCP NEIGHBORS TOUR

In order to familiarize you with our operations, the Sanitation Districts wish to invite you to attend the annual public tour of the JWPCP. **The tour will be held on Saturday, August 3, 2013, at 9:00 a.m.** The tour will last approximately 1½ hours. Donuts and beverages will be served prior to the tour. In order to allow us to prepare for the tour, **please RSVP by calling Nell Madigan at (562) 699-7411, extension 2300 by Wednesday, July 31, 2013.** We are looking forward to seeing you at the tour.

GIVE US A CALL

We are committed to being a good neighbor but we can't do it without your help. If you have any comments or questions about the operations at the JWPCP or about the Sanitation Districts, do not hesitate to call or e-mail Ken Rademacher, JWPCP Manager, at (310) 830-2400, extension 5245 (krademacher@lacsdsd.org), or Rupam Soni, at (562) 699 7411, extension 2303 (rsoni@lacsdsd.org). You can also obtain additional information by going to our website at www.lacsdsd.org.

