



## About Frank R. Bowerman Landfill

- Opened in 1990
- Owned and operated by the County of Orange
- One of the largest landfills in the United States
- One of the first lined landfills in California
- Accepts non-hazardous, municipal solid waste from commercial haulers only
- Maximum permitted daily refuse is 11,500 tons
- Approximately 725 acres with about 534 acres to be used for waste disposal
- Converts landfill gas to energy, which powers more than 25,000 average Orange County homes
- Open space is the planned end-use of the site
- Bee Canyon Greenery Composting Facility opened in 2020

## Location

11002 Bee Canyon Access Rd.  
Irvine, California 92602

# FRANK R. BOWERMAN LANDFILL



## History

The Frank R. Bowerman Landfill opened in 1990 and was originally called the Bee Canyon Landfill because it is located in Bee Canyon. The area was once used for beekeeping.

The name was changed to honor Frank R. Bowerman after his retirement from the County of Orange. Mr. Bowerman was the first director and chief engineer of the department, and was he was responsible for the Bee Canyon Landfill's planning and development.

## Landfill Tours

Do you want to learn how we operate landfills and what we do as stewards of the environment? We offer free tours.

Please visit [http://www.oclandfills.com/landfill/landfill\\_tours](http://www.oclandfills.com/landfill/landfill_tours) to schedule a tour.





## Operating Hours

- Monday–Saturday
- 7 a.m. - 4 p.m. for all commercial customers
- 4 p.m. - 5 p.m. for transfer trucks only
- Closed on major holidays

## Commercial Access

- No public disposal allowed
- Commercial self-haul must have valid business licenses or contractors cards

## Public Services

- Landfill tours

## Awards

- American Society of Civil Engineers— Outstanding Energy Project
- Energy Association of Engineers— Innovative Energy of the Year Project
- Orange County Business Council— Sustainable and Green Development
- SWANA—Gold Excellence

# FRANK R. BOWERMAN LANDFILL FACT SHEET

Central Region

Irvine, California

OC Waste & Recycling works cooperatively with regulators to ensure that the landfill operates in full compliance with all Federal, State, and Local codes, ordinances, and regulations.

The landfill is subject to regular inspections from CalRecycle and its local enforcement agency; the California Regional Water Quality Control Board; as well as the South Coast Air Quality Management District to ensure compliance with all applicable regulations.



## Environmental Protection

Frank R. Bowerman Landfill installs and maintains environmental protection systems to protect the water, air, and habitat. Environmental programs include:

- Composite liner system to protect groundwater.
- Landfill gas monitoring, recovery, and control systems with more than 120 wells.
- Groundwater monitoring wells.
- Groundwater collection system.
- Leachate collection and recovery system.
- Load check inspectors to collect and dispose of any hazardous waste.
- Radioactive waste observation program.
- Erosion, fire, dust, insect, rodent, bird, noise, and litter control systems.
- Approximately 45 acres have been restored and include wetland, riparian and coastal sage scrub habitats.
- Mattress recycling and metals salvaging operation.

## Renewable Energy

In April 2016 Bowerman Power began operation of a renewable energy power plant that utilizes landfill gas to produce up to 22 megawatts of electricity.

