



Odor Mitigation Systems at Sunshine Canyon Landfill

A series of effective measures are in place to control odor at Sunshine Canyon Landfill. As a good neighbor, we are committed to doing what is right for a community we are proud to serve. Sunshine Canyon employs several odor control measures, including:

Odor Suppression System

- A Dust Boss Odor Control System consists of portable misters containing odor neutralizers that are operated continuously from 6am to 10am. They are placed at the most optimal locations near the working face and are relocated based on the working face configuration.
- Fence Misting Odor Control System to disperse odor neutralizers during the morning operation. This system is installed on wind fencing located adjacent to the working face.
- Perimeter Vapor Odor Control System is designed to alter the structure of odor molecules and render them odorless. It is strategically located on the southern berm of the Landfill, and at the entrance to control any odor emanating from waste transport vehicles.

Managing Waste to Maximize Odor Control

- Well before waste arrives at the Landfill, staff at transfer stations identify loads that are potentially odorous and notify Sunshine Canyon Landfill so the waste can be disposed of as quickly as possible upon arrival.
- Once a load is identified as odorous, a thick layer of trash is applied to promptly cover the load at the working face.
- A Special Waste Screening Process identifies waste streams deemed too odorous to accept and rejected accordingly. Unusual waste streams are subject to additional testing and screening to ensure odor control.

Working Face Odor Management

- Site Supervisor Patrols are conducted around the Landfill prior to waste acceptance to ensure that trucks are not queuing within a 5 mile radius.
- Trucks coming from Republic transfer stations are limited from disposing waste at Sunshine Canyon prior to 8:45am.
- Sunshine Canyon has planted and maintains over 1,000 oak trees on the south end of the landfill. As the trees mature, they will potentially serve as additional buffer for odors.
- The site utilizes a geo-synthetic barrier to cover the daily working face every day and supplements this with 9 inches of compacted soil on slopes.



Odor Complaints and Investigations

- Sunshine Canyon Landfill management is assigned to address any potential odor issues, responding to concerns and ensuring corrective actions are taken if a landfill-related source is identified.
- Sunshine Canyon Landfill personnel conduct odor patrols in the surrounding neighborhoods in the mornings (6am to 10am) and evenings (8pm to Midnight).

Landfill Gas Collection System

- Installation of additional vertical and horizontal wells, headers and lateral piping ensure the landfill gas system is operating efficiently and effectively.
- Monthly monitoring of the wellheads ensures wells are functioning properly.
- Surface emission and perimeter probe monitoring is conducted monthly, rather than quarterly as required to fully comply with SCAQMD abatement.

General Information Related to Outreach and information sharing

- Sunshine Canyon personnel engage with the Community Advisory Committee and provide operational updates to community members via the regularly scheduled bi-monthly meetings.
- The Sunshine Canyon Quarterly Newsletter is distributed to community members in the surrounding neighborhoods, schools and municipalities.
- Sunshine Canyon provides tours to schools and community groups to share firsthand experience of landfill operations.
- Our website www.sunshinecanyonlandfill.com provides helpful information regarding disposal activities at the site and our involvement in the community.