

## Additional Information:

### 2019 Landfill Gas System Enhancements

This year, the Sunshine Canyon Landfill team made several enhancements to the landfill gas system. We installed 149 vertical gas collection wells, 119 horizontal gas collection wells, 3 liner collection gas wells, and 2 trench collector wells. In addition, we installed 1,800 feet of 18" header pipe around the perimeter of the active area, 61 new dewatering pumps in vertical extraction wells, 3,000 feet of air and force main line to support the operation of the dewatering pumps, and 14 de-scalers throughout the system to prevent the build-up of solids that can prevent efficient gas flow.

### Odor Reporting

Report an odor you believe is attributable to the Landfill. We operate 24/7. Call for information about Sunshine Canyon Landfill including questions regarding disposal rates, tours, complaints or comments. We received 16 calls during 4Q 2019; three calls were from a SCAQMD inspector.

### Community Advisory Committee Meeting

A joint city-county Community Advisory Committee meets bi-monthly (January, March, May, July, September and November). Visit [sunshinecanyonlandfill.com](http://sunshinecanyonlandfill.com) for more information.

### Newsletter Mailing List

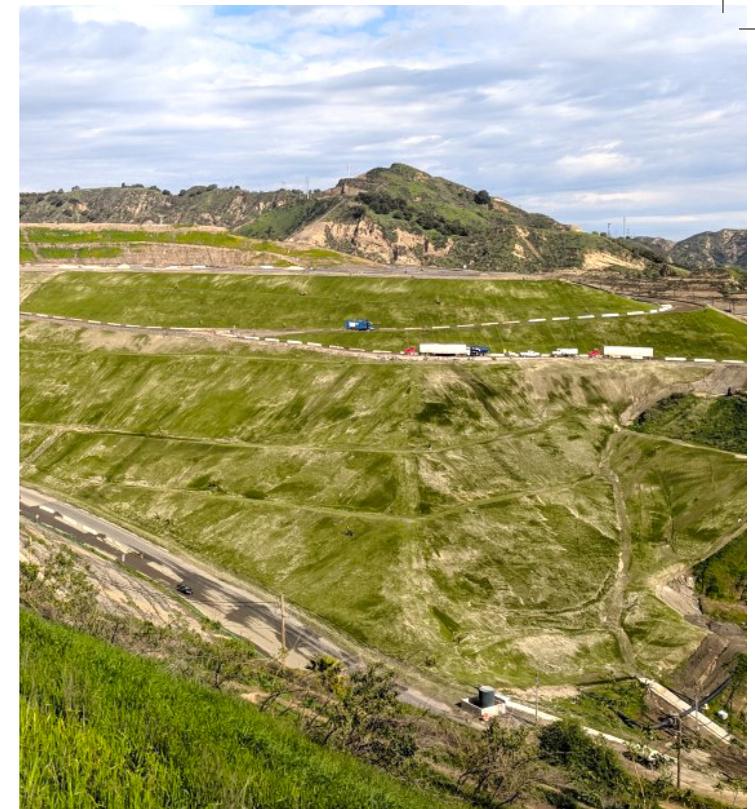
To add or remove a name from our mailing list, update your information, or go paperless, please email us at [sunshinecanyon@republicservices.com](mailto:sunshinecanyon@republicservices.com).

### Recycling Simplified

When it comes to recycling, everyone has a part to play. To learn quick and easy ways to be a better recycler and help our community, visit [RecyclingSimplified.com](http://RecyclingSimplified.com). By learning the fundamentals of recycling, it can be as easy as 1-2-3.



Republic Services  
Address  
City, State ZIP



# Sunshine Canyon Landfill

## Community Update Winter 2019



We'll handle it from here.®

SUNSHINE CANYON  
Landfill

### Facility Update:

#### Infrastructure Repairs

As previously reported, in October 2019, flames from the Saddle Ridge Fire impacted portions of Sunshine Canyon Landfill, damaging some landfill infrastructure and systems. The team worked quickly to restore the majority of infrastructure functionality and system operations. Site repairs were completed by December 15, 2019.

To facilitate this quick turnaround, our site developed a detailed plan and worked closely with regulatory partners to restore the impacted systems. In this two-month time frame, our major accomplishments were bringing 122 landfill gas wells back online, 4 miles of landfill gas piping were replaced, and more than 100 acres of hydroseeding/slope stabilization were deployed.

Again, our thanks goes out to the firefighters, other first responders and emergency personnel for their efforts to contain the fire and minimize impacts. We are grateful for their ongoing commitment to protect our community and keep us safe.

### Notices of Violation:

For the fourth quarter of 2019, Sunshine Canyon Landfill received two Notices of Violation from the SCAQMD related to the Saddle Ridge Fire, and one for a late payment that was rescinded. There were no violations or Area of Concerns received from the LEA in the fourth quarter of 2019.

### Landfill Gas Monitoring:

The latest Rule 1150.1 Quarterly Monitoring Report was submitted in November 2019 for the third quarter of 2019. One component of South Coast Air Quality Management District's (SCAQMD) Rule 1150.1 requires landfills to monitor for surface emissions via the instantaneous and integrated grid monitoring process by a third-party contractor. To accomplish this, landfills are divided into grids and subsequently scanned for surface emissions. Instantaneous monitoring is conducted with field personnel outfitted with special instrumentation that gives real-time readings. For instantaneous monitoring the regulatory threshold is 500 parts per million (ppm) Total Organic Carbon (TOC). The second component of SEM monitoring is Integrated monitoring. Integrated monitoring is accomplished by taking the average of multiple readings over the grid footprint. The regulatory threshold for integrated monitoring is 25 ppm TOC. If a detection exceeds the regulatory threshold it is recorded, and the site is required to take every effort to correct the exceedance. This

section contains the results of the monthly surface emissions monitoring (SEM) — instantaneous and integrated.

The results of the fourth quarter instantaneous SEM showed the following number of locations exceeding the regulatory threshold of 500 ppm for the reporting period: October – no grids were monitored due to the Saddle Ridge Fire; November – 21 locations on 344 grids monitored; and December – 10 locations on 344 grids monitored. The results of the fourth quarter integrated SEM showed the following number of grids exceeded the regulatory threshold of 25 ppm TOC for the reporting period: October – no grids were monitored due to the Saddle Ridge Fire; November – 7 locations on the 387 grids monitored; and December – 6 locations of the 387 grids monitored.

The locations identified as exceeding the regulatory threshold in the fourth quarter were all brought back into compliance in accordance with Rule 1150.1 and re-surveyed for confirmation.

### By the Numbers: Sunshine Canyon City/County Landfill Waste Acceptance Averages

The site has been operating as a Joint City/County Landfill as of January 2009. Waste acceptance averages for each month of the fourth quarter of 2019 are shown below. The site is permitted to accept 12,100 tons per day (TPD) maximum daily capacity (M-S).

Month	Non-buried, Recyclable & Beneficial Refuse Material (Tons)	Total Landfilled Material (Tons)	Averages (TPD)	
			Mon-Fri	Sat
Oct.	11,410	178,655	8,183	2,510
Nov.	8,628	175,520	8,219	3,954
Dec.	9,941	172,632	7,729	5,065