



Sunshine Canyon Landfill Team Reports Increased Gas Collection

June 30, 2017



SYLMAR, CA (June 23, 2017) – As waste naturally decomposes in a landfill, it creates gas that can be collected and controlled so that it does not migrate off-site. At Sunshine Canyon, we collect landfill gas through a series of pipes and over 800 landfill gas wells to keep landfill gas on-site where it is properly collected and safely managed.

We announced in March that as part of our 2017 action plan, to accommodate the unusual challenges at the facility, we committed to upgrading our landfill gas collection and control system by: (1) adding or replacing more than 150 gas wells by July 30 to ensure proper gas well operations, and (2) installing more than 250 pumps in gas wells by August 31 to remove trapped landfill liquids – called leachate – that that can impact performance. Throughout the spring and early summer, the Sunshine Canyon Landfill team met both of these key deadlines.

We are pleased to report that as a result of these infrastructure investments, we have observed a significant increase in the amount of landfill gas collected at Sunshine Canyon. As a responsible landfill operator and good neighbor, our team is committed to continuing making improvements to our landfill gas system moving forward.

In the table below you will find a status on each of the 2017 action plans currently underway.

Action	Target Completion	Current Progress
Collect and Control Landfill Gas		
Add or replace more than 150 gas wells to ensure proper gas well operation	July 30	Deadline Met: 153 gas wells have been added or replaced

Install more than 250 pumps in gas wells to remove trapped leachate that can impact performance	August 31	Deadline Met: 250 pumps have been installed in gas wells
Install 21 acres of closure turf, an impermeable synthetic liner overlain by artificial turf	August 31	On Schedule: 8 acres of closure turf installed
Apply 37 acres of a thick, flexible spray-on cover that serves as temporary cover in new waste fill areas	August 31	On Schedule: 21 acres of spray-on cover have been applied
Establish vegetative cover over 57 acres to prevent erosion and soil thinning, and to act as a natural bio-filter	December 31	On Schedule: Multiple test plots underway
Control Waste Odors on Site		
Increase organics diversion	Ongoing	Transfer station program ongoing
Apply environmentally safe neutralizer directly onto waste at the working face	July 1	Deadline Met: Neutralizer equipment installed and operational
Implement transfer station neutralizer application program	October 1	On Schedule: Neutralizer equipment installation underway
Reduce Conditions for Future Potential Odors		
Install gabion cubes in new waste cells	October 31	On Schedule: 5 installed; design completed for 4 additional gabion cubes

If you have questions, be sure to contact us at sunshinecanyon@republicservices.com or visit us online at <http://sunshinecanyonlandfill.com/> to learn more.