



## Establishing Vegetative Cover to Support Landfill Gas System Improvements

July 21, 2017



**SYLMAR, CA (July 21, 2017)** – As the Sunshine Canyon team has previously reported, to complement improvements we are making to our landfill gas system, we are also utilizing multiple enhanced covers over 115 acres to prevent landfill gas from escaping. To date, we have installed eight acres of closure turf, an impermeable synthetic liner overlain by artificial turf, and 24 acres of a thick, flexible spray-on cover that serves as temporary cover in new waste fill areas. These short-term solutions are designed to help control landfill gas until the gas system is performing as it should.

In addition to these two actions, we are also committed to establishing vegetative cover over 57 acres of the Landfill by the end of the year. As a result of tests we conducted on multiple plots over the past several months, we have decided to plant a county-approved seed mix enriched with topsoil beginning this fall. When grown, this vegetation will help prevent erosion and soil thinning, act as a natural bio-filter for landfill gas and assist with dust control on-site.

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

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

Install more than 250 pumps in gas wells to remove trapped leachate that can impact performance	August 31	<b>Deadline Met: 250 pumps have been installed in gas wells</b>
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: 24 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: Seed mix chosen
<b>Control Waste Odors on Site</b>		
Increase organics diversion	Ongoing	Transfer station program ongoing
Apply environmentally safe neutralizer directly onto waste at the working face	July 1	<b>Deadline Met: Neutralizer equipment installed and operational</b>
Implement transfer station neutralizer application program	October 1	On Schedule: Neutralizer equipment installation underway
<b>Reduce Conditions for Future Potential Odors</b>		
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](mailto:sunshinecanyon@republicservices.com) or visit us online at <http://sunshinecanyonlandfill.com/> to learn more.