



Controlling Waste Odors on Site

April 14, 2017



SYLMAR, CA (April 14, 2017) – Last week, we shared with you Sunshine Canyon’s plan to collect and control landfill gas. By adding or replacing more than 150 gas wells and installing more than 250 pumps to improve gas well operations, and by utilizing multiple enhanced landfill covers over 115 acres to prevent landfill gas from escaping, we are committed to improving our landfill gas collection and control system at Sunshine Canyon Landfill.

Along with collecting and controlling landfill gas, our team is also focused on controlling waste odors at the site. We are taking three distinct actions to control waste odors so that they do not migrate offsite. These actions include the following:

- Managing waste prior to its arrival at the Landfill,
- Controlling odors at the working face, and
- Instituting new daily cover practices.

We manage waste prior to its arrival at the Landfill at our transfer stations, facilities where waste is segregated by type and then placed into trucks for transport to landfills, recycling facilities and composting operations. Currently, we practice two approaches to minimize waste odor BEFORE it arrives at Sunshine Canyon. We use a first waste in-first waste out process to limit the time waste is at the transfer station, and we have begun a program to divert organic food waste to locations where it can be converted into compost. Looking ahead, we will introduce a third approach – by October, our transfer stations will begin spraying an environmentally safe neutralizer directly onto waste loads before they leave the transfer stations to further minimize waste odor prior to its arrival at Sunshine Canyon.

Our team also takes action to control odors at the working face, the area on site where waste is deposited, and we are planning additional steps to broaden control of potential working face odors. On the perimeter of the Landfill and near the working face, we spray safe, scientifically designed neutralizing agents into the air. These neutralizers work by changing the shape and number of odorous molecules to reduce potential waste odors. In addition, by July we will begin applying an environmentally safe neutralizer directly onto waste at the working face as it is deposited to further decrease the potential for offsite odor.

Finally, as mentioned in our April 7 update, we were previously required to follow unconventional practices that impacted our gas system's proper operation. To remedy this approach, we have instituted new daily cover practices that will help support our landfill gas system enhancements and further minimize potential working face odors. Instead of using soil to cover waste at the end of each day, we now apply Enviro™ Cover, a synthetic alternative daily cover that meets EPA requirements. When placed over waste at the end of each day, the cover helps contain waste odors at the working face. When waste is next placed on top of the existing cover, it naturally shreds, resulting in proper waste-to-waste contact that improves long-term landfill gas and water collection.

Along with collecting and controlling landfill gas, we recognize the importance of controlling waste odors on site so that we limit their ability to cause potential odors offsite. By managing waste prior to its arrival, controlling odors at the working face and instituting new daily cover practices, we are committed to controlling waste odors at Sunshine Canyon Landfill.

In next week's update we will provide more details on what we are doing to reduce conditions for future potential odors. If you have questions, be sure to contact us at sunshinecanyon@republicservices.com or visit us online at <http://sunshinecanyonlandfill.com/> to learn more.