

April 15, 2021

Mr. Martins Aiyetiwa, PE
Senior Civil Engineer, County of Los Angeles
Department of Public Works
900 South Fremont Street
Alhambra, CA 91803

**Subject: First Quarter 2021 Quarterly Dust/Odor Complaint Report
Sunshine Canyon Landfill, CUP 00-194-(5), Condition 45N**

Dear Mr. Aiyetiwa:

Condition 45N of the Sunshine Canyon Landfill CUP 00-194-(5) requires quarterly reporting of the following:

- Fugitive dust and odor complaints received from residents
- Notices of Violation issued by the SCAQMD or the LEA
- Measures undertaken by SCL to address the complaints and to correct the violations.

Attached to this cover letter, please find the above information for the first quarter of 2021.

Should you have any questions regarding the information provided in this report please feel free to contact me directly at (818) 362-2096 or at tngo@republicservices.com.

Sincerely,

Tuong Phu Ngo

Tuong-Phu Ngo, PE, QSD/QSP
Environmental Manager
Sunshine Canyon Landfill

January 2021

Compliance Summary (SWFP 16.e, Q-C.2.b, IMP X.B.7 & IMP X.B.6): There were no private complaints through the Sunshine Canyon 24-hour hotline in January 2021.

Record of receipt of any violations from any regulatory agency (SWFP 16.f): There were no NOVs for the month of January 2021.

There was no NOVs issued for related to odor complaints for the month of March 2021.

February 2021

Compliance Summary (SWFP 16.e, Q-C.2.b, IMP X.B.7 & IMP X.B.6): There were no private complaints through the Sunshine Canyon 24-hour hotline in February 2020.

Record of receipt of a violation from any regulatory agency (SWFP 16.f): SCL received no NOVs from SCAQMD in the month February 2021.

There were no NOVs issued for related to odor complaints for the month of February 2021.

March 2021

Compliance Summary (SWFP 16.e, Q-C.2.b, IMP X.B.7 & IMP X.B.6): There were no private complaints through the Sunshine Canyon 24-hour hotline in March 2021.

Record of receipt of a violation from any regulatory agency (SWFP 16.f): SCL received no NOVs from SCAQMD for the month of March 2021.

There was no NOVs issued for odor complaints for the month of March 2021.

Measures Undertaken to Address Complaints and to Correct Violations

We have implemented multiple projects specifically to address odor control due to the generation of landfill gas, which is a natural byproduct of waste decomposition, as well as actions to address potential odors from the working face. These projects and actions include the following:

- Disposal in cells CC-4 Part 1 started on March 24th, 2017; CC-4 Part 2 began on October 26th, 2017; and CC-4 Part 3 began on October 2nd, 2019 and January 14th, 2020. CC-4 Part 4A began on October 2020. These new cells are away from the front of the site and at a lower elevation;
- A project to establish over 57 acres of vegetative cover to prevent erosion and soil thinning, and to act as a natural bio-filter started in early-September 2017 and was completed on December 31, 2017. SCL has also added redwood cedar chips to the County Slopes to help with odor control and erosion;
- Vertical gas extraction well infrastructure improvements are were ongoing in 2020 and continue in 2021. We continue to implement dual completion wells where applicable, meaning they have two well casing per borehole that enable the well to be fine-tuned to optimize the extraction of shallow gas and gas located at deeper depths. This fine tuning allows for increased vacuum pressure at deeper depths where there is little to no oxygen.
- Installation of liquid collection pumps in the vertical gas extraction wells started in January 2018 and continues to be a priority.
- Installation of 21 acres of Closure Turf, an impermeable synthetic liner overlain by artificial turf, started in May 2017 and was completed in end-August 2017. The installation of an additional 5 acres on CC3-B was completed in the third quarter of 2018.
- Application of 38.5 acres of a thick, flexible spray-on cover (Posi-Shell) that serves as a temporary cover in intermediate cover slope area started in March 2017 and was completed in end-August 2017;
- An additional 12 inches of soil has been applied to approximately 20 acres of the throughout the site where elevated surface emissions have been detected;
- Horizontal collectors continue to be installed in the new cells to capture landfill gas that is generated at its earliest stages;
- Operation of seven (7) moveable Buffalo Monsoon units;

- Operation of three (3) fixed Odor/Dust Boss units;
- Installation of misting system near the entrance of the site;
- Installation of misting system along the PM10 berm and City South Deck A.

For the projects listed above, where design plans were required, designs were completed by licensed engineers and the plans were made available for review by the appropriate regulatory agencies.

In addition, we are performing monitoring activities on a more frequent basis than required by regulatory requirements including monitoring each gas well twice each month and conducting surface emission monitoring. Results of this monitoring are used to balance and tune the well field and address surface emissions that could potentially result in odors in a timely manner.

