

May 9, 2019

TO: Members of the Facility & Plan Review Subcommittee  
Los Angeles County Solid Waste Management Committee/  
Integrated Waste Management Task Force

FROM: Maria Carlson, Staff

**STAFF REPORT**  
**FIRST QUARTER 2019 VEGETATION PROJECT STATUS REPORT**  
**AT SUNSHINE CANYON CITY/COUNTY LANDFILL**

Republic Services, Inc. (Republic) submitted the First Quarter 2019 Vegetation Project Status Report for the Sunshine Canyon Landfill (Landfill), dated April 30, 2019. The Status Report is a requirement of Condition 18B of the Finding of Conformance granted to the Landfill by the Task Force on December 18, 2008. The Status Report provides the progress of the Landfill's efforts related to revegetation during the First Quarter of 2019.

City Side Sage Mitigation Pilot Project Area (Pilot Project Area) - Deck C / Lower Deck

- The saltbush cover is thriving.
- As a result of the coastal sage scrub pilot study, other native species such as Encelia Californica, Artemisia Californica, and Salcia are co-dominate throughout Deck C.
- Wildlife observed include the side-blotched lizard, white crowned sparrow, and the California towhee.
- The growth of weeds such as brome grass and mustard has increased, and there is no evidence that weeding has been conducted prior to the monitoring period.

City Side Sage Mitigation Area - Deck B / Middle Deck

- Deck B currently consists of approximately 35% sage scrub plantings and seedlings, 30% non-native grasses, and 40% vegetation planted in the Fourth Quarter in 2018.
- It also does not appear that weeding has taken place and there is moderate weed coverage on Deck B.

City Side Sage Mitigation Area – Deck A / Upper Deck

- The upper deck continues to be sparsely covered with native vegetation, due to poor soil conditions.
- In the areas north of the central access road, the soil is heavily compacted and gravelly.
- Wild oats, brome grasses, and mustard dominate the non-native cover throughout Deck A.
- Buckwheat is the dominant native plant and appears to be more densely covered as a result of recent rains.
- Weeds are especially problematic in Deck A.

Hydroseeding Trial Project

- The 15 acres of interim slopes that were hydroseeded at the end of the Fourth Quarter have shown successful vegetation growth after the recent rains.

County Side Sage Mitigation Pilot Project Area (Pilot Project Area)

- Conditions in the mitigation area remain relatively unchanged.
- The southern portion of the "county slope" has a greater density of vegetation consisting of mostly the California buckwheat and California sunflower species. The northern portion of the slope contains minimal plant growth due to steep slopes, soil erosion, and toxic soils. Soil samples indicate low pH, high salinity, and Boron present in native soils.
- The native plant coverage is assumed to be the result of hydroseeding in combination with natural recruitment.