

August 8, 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
SECOND QUARTER 2019 VEGETATION PROJECT STATUS REPORT
AT SUNSHINE CANYON CITY/COUNTY LANDFILL

Republic Services, Inc. (Republic) submitted the Second Quarter 2019 Vegetation Project Status Report for the Sunshine Canyon Landfill (Landfill), dated July 31, 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 report provides the progress of the Landfill's efforts related to revegetation during the Second Quarter of 2019.

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

- The saltbush cover and other native species (*Encelia Californica*, *Artemisia Californica*, and *Salcia*) continue to thrive.
- Wildlife observed include the sage sparrow and the California towhee.
- Weed coverage was moderate, consisting of dense brome grass and common barley mats.

City Side Sage Mitigation Area - Deck B / Middle Deck

- Deck B consists of 35% sage scrub plantings and seedlings, 30% non-native grasses, and 40% native vegetation planted during the Fourth Quarter in 2018. This breakdown was the same for the First Quarter 2019.
- There is a mixture of native species that has been established that includes buckwheat (*Eriogonum fasciculatum foliosium*), black sage (*Salvia mellifera*), purple needlegrass (*Nessella pulchra*), California sagebrush, and chamise (*Adenostoma fasciculatum*).
- Non-native weed coverage is minimal

City Side Sage Mitigation Area – Deck A / Upper Deck

- The overall native coverage continues to be sparse, due to compacted poor soils especially around the access roads.
- Buckwheat is the dominant native species and is more dense than previous years.
- Desiccated Wild Oats (*Avena Fatua*), brome grasses, mustard (*Brassica nigra*), and Russian thistle (*Kali tragus*) are the non-native species covering the upper deck.

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

- Conditions in the mitigation area remain unchanged due to steep slopes, soil erosion, and toxic soils. Soil samples indicate low pH, high salinity, and Boron present in native soils.
- Areas covered with native vegetation are dominantly California buckwheat and California sunflower.