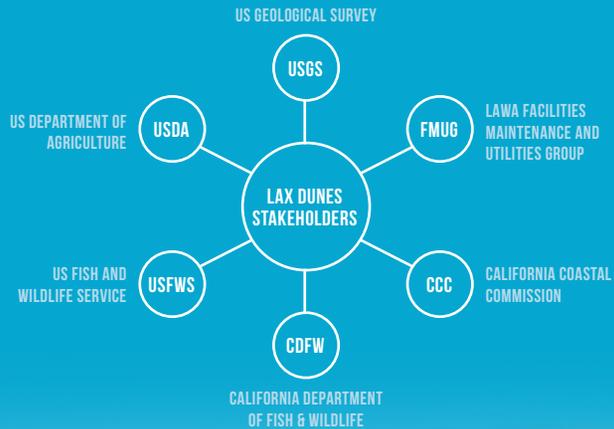


One of LAWA's most visible commitments to sustainability is its dedication to the LAX Dunes, home to over 900 species of flora and fauna. LAWA works with The Bay Foundation (a local 501(3)C non-profit environmental group), Wildlands Conservation Science (WCS), and state and federal regulatory agencies to share information about the LAX Dunes and protect its natural resources by doing the following:

- » Holding informational workshops that included participation by the numerous stakeholders shown below
- » Conducting annual species surveys of El Segundo Blue Butterfly, coast buckwheat, and gnatcatcher
- » Working with regulatory agencies on various surveys and studies, which included the El Segundo Blue Butterfly, burrowing owl, legless lizard, horned lizard, small mammals, and small insects



Natural resources management is one of the focus areas for sustainability performance at LAWA. The other focus areas are:



**Energy Management**



**Water Management**



**Air Emissions Management**



**Material Resources Management**



**Noise Management**



**Natural Resources Management**



**Corporate Responsibility**

To find out more information about LAX Dunes or to volunteer to restore LAX Dunes, go to:  
<https://www.santamonica.org>



# NATURAL RESOURCES MANAGEMENT AT LAX



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## LAX DUNES

- » Managed by LAWA
- » **307 acres**
- » Home to more than **900 species of plants and animals**
- » 203 acres of the LAX Dunes are for the El Segundo Blue Butterfly Habitat Restoration Area (Preserve)
- » Home to federally listed **El Segundo Blue Butterfly (ESBB)** and its natural food source, the seacliff buckwheat also known as coast buckwheat
- » **43 acres of virtually undisturbed native habitat**—the largest remaining coastal dune fragment in southern California



### LAX Dunes' Restoration Successes in Recent Years...

- » For the first time in over a century, the federally-threatened California gnatcatcher has been documented breeding in the ESBB Restoration Area of the LAX Dunes
- » Sensitive species, such as the Southern California legless lizard and the San Diego horned lizard, have been found in the LAX Dunes
- » The burrowing owl spent several months at the LAX Dunes during 2018-2019; the dunes may eventually become a habitat for this species
- » LAWA's work with The Bay Foundation and Friends of the LAX Dunes yielded almost 7,000 volunteer hours between 2013-2018

In 2019, 774 volunteers participated in LAX Dunes Restoration events, donating approximately 2,120 hours. The Bay Foundation named LAWA a "Coastal Connector" for the LAX Dunes Habitat Restoration.



### Saving the El Segundo Blue Butterflies—An Ongoing Effort

Seven consecutive years of drought have taken a toll on the ESBB Habitat Preserve. This extreme and lengthy condition has contributed to the rise in non-native plant populations.

During 2018, LAWA began developing an invasive species mapping and management plan. Mapping activities included digitization of conspicuous invasive plant species atop a high-resolution orthophotograph of the 203-acre Preserve. At each non-native plant infestation, Wildland Conservation Science (WCS) recorded the length, width, and approximate density of the invasive plant population. In June 2019, LAWA completed the Invasive Plant Management Plan for the ESBB Habitat Restoration Area.

# 4,748

Estimated count of El Segundo Blue Butterflies recorded in the ESBB Habitat Restoration Area in 2018.



Since 2013, The Bay Foundation and Friends of the LAX Dunes have held 84 dune restoration events. More than 2,000 participants have committed 7,000 volunteer hours and removed more than 2,500 bags of invasive plants from the restoration area that The Bay Foundation is currently focusing on, which is part of LAWA's Coastal Dunes Improvement Project.