



## **FACT SHEET**

### **Lockheed Martin Remedial Construction will begin this summer at Laborde Canyon**

This summer (2018) Lockheed Martin will begin final environmental cleanup at Laborde Canyon, five miles southwest of Beaumont, CA; the corporation plans to begin work in August.

Lockheed Martin will excavate two areas of contaminated soil at the canyon: At the Southern Test Bay Canyon, soil contaminated with perchlorate will be treated on site with nutrients. Called 'Biotreatment,' this process neutralizes the perchlorate by activating resident bacteria that then break it down. Treated soil will be reused at the site. In the Waste Discharge Area, Lockheed Martin will excavate soil containing the contaminants cadmium and lead to a depth of about four feet, and transport the soil off site for disposal at an approved location. A one-foot layer of crushed rock will be placed at the bottom of the excavation to prevent burrowing wildlife from coming into contact with the deeper soil below the bottom of the excavation. The remainder of the excavated area will be backfilled with clean soil. Lockheed Martin anticipates the excavated soil will total about 60 cubic yards, or approximately 6 truckloads.

In a third cleanup initiative at the canyon, Lockheed Martin will construct a biological treatment barrier at the southern end of the canyon to prevent migration off the property of groundwater impacted by perchlorate. The permeable barrier will span about 365 feet across the width of the canyon, at depths ranging from 15 to 30 feet; the bottom four feet will be buried in bedrock. The canyon will funnel groundwater to the barrier; Lockheed Martin will add vegetable oil nutrients to the barrier to activate naturally occurring bacteria in the soil that will neutralize any perchlorate in the groundwater that reaches the biobarrier.

Laborde Canyon lies southwest of Beaumont in the San Timoteo Badlands, an area of steep hills and sparse vegetation. The site comprises 2,668 acres, most of which were acquired by the Grand Central Rocket Company in the 1950s. A predecessor of Lockheed Martin acquired Grand Central Rocket in the early 1960s. The site now belongs to Riverside County.

Lockheed Martin tested rocket motors and solid rocket propellant in five areas of operation at the site. Initial cleanup activities began at the site in 1984 when Polychlorinated Biphenyl-contaminated asphalt and associated sand and gravel were removed. Ten years later Lockheed Martin removed more than 800 tons of waste from the Garbage Disposal Area. In 2003 the corporation began extensive investigations and evaluations at the site. Based on its investigations, Lockheed Martin submitted a Remedial Action Plan (RAP) to the California Department of Toxic Substance Control (DTSC) in 2014. Public review of the Laborde Canyon RAP occurred in 2016; and DTSC approved the RAP in 2016.

Throughout its remediation work, Lockheed Martin will take care to protect the environment, as it has during all its investigations. Biological surveys will be conducted to identify the burrows of the Stephens' Kangaroo Rat, an endangered species, the burrows of the burrowing owl, and active nests of sensitive birds. Trained biologists will be present during construction to protect these animals. Construction workers will be trained on how to avoid harming wildlife.

**If you have any questions or concerns, please contact:**

**Daniel K. Zogaib - DTSC Project Manager at 714.484.5483 or  
Daniel.Zogaib@dtsc.ca.gov**

**Meghan Macdonald - Lockheed Martin at (800) 449.4486**

Further information regarding the Lockheed Propulsion - Beaumont No. 2 Site may be found at  
DTSC: [www.Envirostor.dtsc.ca.gov](http://www.Envirostor.dtsc.ca.gov)

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