

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT
STAFF: Adriana Constantinescu
MEETING DATE: June 14, 2017

- ITEM: **6B**
- SUBJECT: **Travis Air Force Base – Award Winning Environmental Restoration - Information Item**
- CHRONOLOGY: The Water Board has not previously considered this item.
- DISCUSSION: This is an informational item presenting the progress and success of the Travis Air Force Base Environmental Restoration Program (ERP) conducted at the largest Department of Defense (DOD) active air station in our region.

Site History and Description

The 6,368-acre Travis Air Force Base (AFB) site is located immediately east of Fairfield in Solano County. Established in 1943, the base is home to the 60th Air Mobility Wing (the largest air mobility organization in the Air Force), the 349th Air Mobility Wing (the largest associate wing in the Air Force reserve), the 621st Contingency Response Wing (the wing responsible for training and rapidly deploying personnel around the globe), and the David Grant Medical Center (the largest Air Force hospital).

Historical industrial and military activities at the base contaminated soil, groundwater, and Union Creek with volatile organic compounds (VOCs), total petroleum hydrocarbons, metals, and polycyclic aromatic hydrocarbons. AFB environmental investigations and remedial actions began in 1983. The site is participating in the DOD's ERP, which is a specially-funded program established to identify, investigate, and control the migration of hazardous contaminants at military and other DOD facilities. On the basis of the data obtained during initial investigations, the AFB was placed on U.S. EPA's National Priorities List in 1989.

Travis AFB ERP

The Travis AFB ERP is focused on using innovative technologies to accelerate the cleanup and closure of contaminated soil and groundwater sites and to reduce cleanup costs. Since 1996, under our agency's oversight and in collaboration with U.S. EPA and the California Department of Toxics Substances Control, these innovative treatment approaches have removed over 15,000 pounds of VOCs from groundwater at more than 20 contaminated groundwater sites on the AFB site.

Environmental Awards

The Travis AFB restoration team earned two national awards this year: the Secretary of Defense 2017 Environmental Restoration Award for Installations, announced on Earth Day, April 22, 2017, and the Air Force 2016 General Thomas D. White Award for Environmental Restoration, announced in March 2017. The two national awards symbolize the team's dedication to using green, sustainable, and innovative remediation technologies and biological processes that break down contaminants in groundwater. This presentation to the Board will illustrate one of these innovative technologies, the first ever subgrade sulfate reactor built at a petroleum-contaminated site.

RECOMMEN-
DATION:

This is an informational item not requiring action by the Board.

FILE No.:

48D9044 (AVC)