



California

Marquardt Ram Jet Development Facility

Facility and Location

The Air Force and Navy used Marquardt Ram Jet Development Facility, a Formerly Used Defense Site (FUDS), from June 1950 to approximately December 1977. Located in the Los Angeles neighborhood of Van Nuys, a major activity was the design, development, and testing of jet engines and air-borne propulsive devices (e.g., missiles, rockets). These activities are consistent with potential perchlorate use.

Media Sampled and Findings

Groundwater — Prior to 2007, quarterly sampling revealed isolated detections and no perchlorate plume. Three of more than 250 samples from 17 wells detected perchlorate with a high of 8.0 ppb.

Soil — Prior to 2007, 4 of 26 samples from 19 locations detected perchlorate at less than 1 ppb. The four positive samples were from two borings in the footprint of former building 65 and perchlorate has not been detected in downgradient wells. The data and information stated above was on the non FUDS portion of the Marquardt Ram Jet Development Facility. No perchlorate was detected in the areas associated with the FUDS property (15 acres of the 56 acre site).

Appropriate Actions

On December 14, 2007, the California Department of Toxic Substances Control agreed with findings that this site is not a source of perchlorate. All samples were below the EPA and DoD Preliminary Remediation Goal of 15 ppb and soil concentrations are below the 55,000 ppb residential and 720,000 ppb industrial soil screening levels recommended by EPA Region IX.