



Arizona

Luke Air Force Auxiliary Field No. 3

Facility and Location

Luke Air Force Auxiliary Field No. 3 is located 22 miles northwest of Phoenix near the town of Surprise in Maricopa County. It originally encompassed approximately 656 acres containing an auxiliary airfield that was built to support the fighter pilot training conducted at Luke Field, now known as Luke Air Force Base (AFB). It was acquired in 1941 and declared surplus in 1946. In 1949, the auxiliary field was re-opened to support Luke AFB, but its mission and period of activity are unknown. Three ammunition disposal pits, estimated to have been established between 1949 and 1958, were discovered during a sampling and debris removal conducted on the site in 1997. Blasting caps were removed during the 1997 effort and during a subsequent 2000/2001 cleanup of the site. No munitions were found during the 2008 Site Investigation (SI) field effort, but munitions debris in the form of a .50 caliber link and range related debris in the form of two shipping container lids from M16 smoke grenades were observed. The Archives Search Report indicates munitions used on the Munitions Response Site include small arms and .50 caliber munitions, M6 electric blasting cap, and M7 non-electric blasting cap. M16 smoke grenades are suspected to have been used based on the debris found during the 2008 SI field effort.

Media Sampled and Findings

Groundwater — In 2008, three of three samples detected perchlorate from 0.36 to 1 ppb.

Appropriate Actions

Not Applicable. All samples were below the EPA and DoD Preliminary Remediation Goal of 15 ppb.