



## California Fort Irwin

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### ***Facility and Location***

Fort Irwin is located approximately 37 miles northeast of Barstow in the High Mojave Desert. It encompasses more than 642,000 acres of training area and is surrounded by desert, hills, and mountains. Fort Irwin's National Training Center is the Army's premier heavy maneuver combat training center and the only instrumented training facility in the world that is suitable for force-on-force and live fire training of heavy brigade sized military forces. Each month, Fort Irwin and the NTC provide 4,000 to 5,000 soldiers, from installations across the country, with the essential training opportunities necessary to maintain and improve military readiness and promote national security.

### ***Media Sampled and Findings***

**Drinking Water** — Prior to 2007, 4 of 15 samples detected perchlorate with a high of 11 ppb. In April 2006, the state requested a perchlorate sample at a Defense Environmental Restoration Account site. The samples revealed one result slightly above 2 ppb, the practical quantitation limit. The elevated result was obtained from a newly installed monitoring well. Nine drinking wells, 22 landfill monitoring wells, and the Goldstone Rocket Test Facility drinking well, were also sampled.

**Groundwater** — In 2011, one sample reported no detection. Prior to 2007, samples detecting perchlorate were found at Bicycle Lake Reservoir Well 9, and Bicycle Lake Airfield Well B9 with a high detection of 9.7 ppb. Both of these sources are non-potable water. Samples were reported under the Unregulated Contaminant Monitoring Regulation. Two subsequent re-sampling events reported no detection.

### ***Appropriate Actions***

Because prior to 2007 levels were found above the California Maximum Contaminant Level for drinking water of 6 ppb, the requested a full investigation to determine perchlorate sources. No complete exposure pathway was found and wells with perchlorate detections are non-potable. According to policy, no further action is planned. There are no current plans for further sampling unless required as part of an incidental Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or Resource Conservation and Recovery Act (RCRA) remedial action.