



Massachusetts Cape Cod AFS

Facility and Location

Cape Cod Air Force Station (CCAFS) is located on Flatrock Hill within the northeast boundary of the Massachusetts Military Reservation (MMR) in upper Cape Cod. The station, which occupies approximately 100 acres, was constructed in 1978 as one of four sites of the Phased Array Warning System (PAVE). CCAFS is home to the 6th Space Warning Squadron (6 SWS), a unit of the 21st Space Wing located at Peterson Air Force Base, Colorado. The mission of the 6 SWS is to provide flawless missile warning and space control operations while developing and deploying warrior airmen for the protection of the U.S. and allied interests. The site operates 24 hours a day and employs approximately 125 personnel.

The land slopes away from Flatrock Hill in all directions, with slopes ranging from 3 to 35 percent. The nearest town is Bourne, which is north and west of the MMR boundary. The town of Sandwich is approximately two miles to the east and Boston is approximately 50 miles to the northwest.

Media Sampled and Findings

Drinking Water — In 2011, one sample detected perchlorate at 0.18 ppb. In 2010, one sample reported no detection. In 2009, one sample reported no detection. In 2008, one sample detected perchlorate at 0.21 ppb. In 2007, two of two samples detected perchlorate at 0.18 and 0.22 ppb. Prior to 2007, one of three samples detected perchlorate at 0.11 ppb.

Appropriate Actions

Not Applicable. All samples were below the EPA and DoD Preliminary Remediation Goal of 15 ppb and the Maximum Contamination Level of 2 ppb for Massachusetts. Annual samples will continue as directed by the Massachusetts Department of Environmental Protection.