



Camp Fogarty Training Site, Rhode Island

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Background

The Department of Defense (DoD) uses and manages operational ranges to support national security objectives and maintain the high state of operational readiness essential to its mission requirements. The Department conducts non-regulatory, proactive, and comprehensive operational range assessments (ORAs) to support the long-term sustainability of these ranges while protecting human health and the environment. The purpose of an ORA is to determine if there is a release or substantial threat of a release of munitions constituents (MC) from an operational range to an off-range area that exceeds an applicable regulatory standard or creates a potential unacceptable risk to human health or the environment.

The Army National Guard (ARNG) ORA effort was developed to address DoD requirements detailed in DoD Directive 4715.11 (10 May 2004) and DoD Instruction 4715.14 (15 November 2018). The overall objective of the ORA is to assess operational ranges/range complexes to determine if an off-range MC release or substantial threat of an off-range MC release exists; if an off-range MC release exists, does it exceed an applicable regulatory reporting standard; and if an MC release or substantial threat of a release exists, determine whether it creates a potentially unacceptable risk to off-range human health or the environment.

Installation Overview

Camp Fogarty Training Site (Camp Fogarty) is located in southeastern Rhode Island, approximately four miles northeast of Quonset Point Naval Air Station and approximately 15 miles south of Providence Rhode Island. Camp Fogarty was originally established in 1939 as the United States Naval Construction Battalion Center. In 1942, the Sun Valley Rifle Range was established to train recruits during World War II. The majority of the rifle range was closed 1945. In 1967, the rifle range was renamed Camp Fogarty and leased to the Rhode Island Army National Guard (RIARNG) by the U.S. Navy. Active and reserve units, as well as local law enforcement agencies also utilized Camp Fogarty. In 1993 the installation was officially transferred from the U.S. Navy to the RIARNG under the Base Realignment and Closure Act.

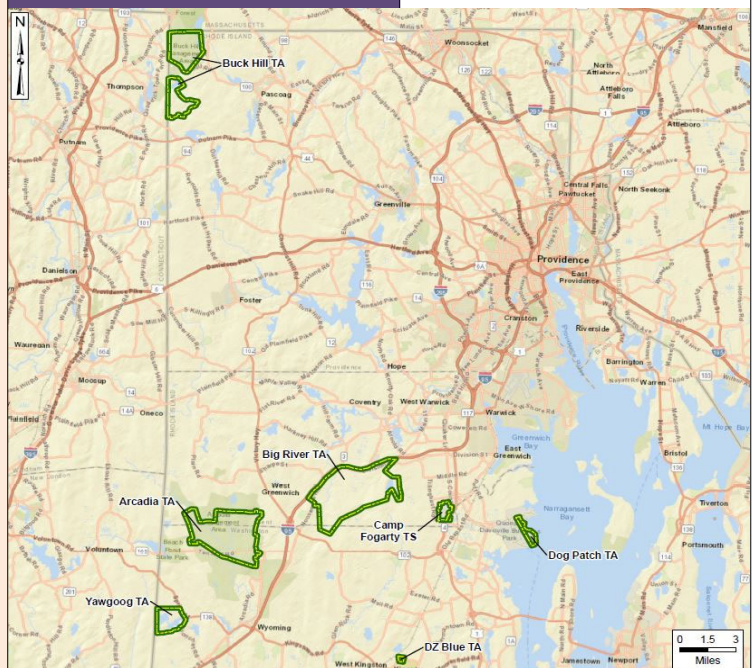
Operational Range Assessment Findings (12/2018)

The 2018 Camp Fogarty TS Periodic Review determined that MC were unlikely to migrate off-range at levels that pose an unacceptable risk to human health or the environment.

Next Steps

Camp Fogarty TS should be placed into the Periodic Review cycle to be re-assessed in five years.

Map of Range/Range Area



Installation Overview (continued)

Currently, Camp Fogarty encompasses 17,854.6 acres consisting of Camp Fogarty (376.6 acres), and six associated satellite training areas owned by various state agencies. The sites are identified as Buck Hill Training Area (TA) (3,438 acres), located in the northwest corner of Rhode Island, Dog Patch TA (340 acres), Drop Zone (DZ) Blue TA (55 acres), Big River TA (6,923 acres), Acadia TA (5,535 acres), and Yawgoog TA (1,186 acres) located in the southwestern corner of the state. Camp Fogarty contains 32 operational ranges including four live-fire ranges, one non-live-fire range (former skeet range), one practice hand grenade range, 24 maneuver and training areas, and two dudged impact areas. The live-fire ranges are situated in the northeast corner of the installation, the two dudged impact areas border the western boundary of the small arms ranges. The remaining portion of Camp Fogarty consists of the 24 maneuver and training areas, and a non-operational cantonment area. Munitions usage at the installation include small caliber (live and blank), practice medium caliber, and large caliber (i.e. mortars) as well as pyrotechnics/obscurants.

Previous ORA Investigations

In 2009, 30 operational ranges identified within Camp Fogarty were assessed as part of the Phase I ORA to determine if the potential existed for sources of munitions constituents of concern (MCOC) to migrate to off-range and adversely effect human and/or ecological receptors. Based on information collected during the assessment, 24 maneuver and training areas and one dudged impact area (totaling 17,721 acres) were determined to have limited or no source of MCOC present. As such, these operational ranges were categorized as Unlikely. However, a source of MCOC and a shallow groundwater pathway were identified at five operational ranges including four live-fire ranges and one dudged impact area (toting 29.9 acres). As a result, the five ranges were categorized as Inconclusive and recommended for further evaluation under a Phase II assessment.

As part of the 2012 Phase II, four sampling events were conducted at five monitoring wells installed downgradient of the Inconclusive ranges. Samples from these wells were analyzed for metals and explosives. No explosives were detected in the groundwater samples. Metals were detected in samples; however, the concentrations were several orders of magnitude lower than applicable screening levels. Based on the findings of the Phase II assessment, all five Inconclusive ranges were re-categorized as Unlikely and placed in a five-year periodic review cycle.

ORA Advanced Assessment (2017)

In 2017 the components of the Phase II conceptual site model were reevaluated as part of a Periodic Review. The periodic review determined that Camp Fogarty's operational footprint had decreased from 383 acres to 376.6 acres. Additionally, three maneuver and training areas were added, and three maneuver and training areas were eliminated to accommodate an expansion of the cantonment area. The previously programmatically excluded skeet range is now identified as an active maneuver and training area utilized as a bivouac area. Camp Fogarty has implemented several BMPs including established vegetation and erosion control.

Although munitions use has continued since the 2012 Phase II, no components of the CSM have changed significantly. As such, the sampling results and Unlikely conclusions of the 2012 Phase II remain valid.

For more information on Camp Fogarty Training Site, contact Rhode Island National Guard

<https://www.riarmyguard.com/contact>

For more information on the DoD Operational Range Assessment Program visit <https://www.denix.osd.mil/orap/home/>