



FINAL

Operational Range Assessment Program  
Phase I Qualitative Assessment Report  
Kekaha Local Training Area, Kaua'i, Hawai'i

U.S. Army Operational Range Assessment Program  
Qualitative Operational Range Assessments

Prepared for:

U.S. Army Environmental Command and  
U.S. Army Corps of Engineers Baltimore District



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## EXECUTIVE SUMMARY

The United States (U.S.) Army is conducting qualitative assessments at operational ranges to meet the requirements of Department of Defense policy and to support the U.S. Army Sustainable Range Program. The operational range qualitative assessment (hereinafter referred to as Phase I Assessment) is the first phase of the U.S. Army Operational Range Assessment Program. This Phase I Assessment evaluates the operational range area at Kekaha Local Training Area (LTA) to assess whether further investigation is needed to determine if potential munitions constituents of concern (MCOC) are or could be migrating off-range at levels that may pose an unacceptable risk to human health or the environment. In conducting the Phase I Assessment, MCOC sources, potential off-range migration pathways, and potential off-range human and ecological receptors are evaluated as appropriate.

Kekaha LTA encompasses approximately 3,194.68 acres near Kekaha, Hawai'i on Kauai Island. The single range provides a maneuver/training area for light forces for the Hawai'i Army National Guard (HIARNG). The range is located approximately one mile northwest of the town of Kekaha. According to the Army Range Inventory Database-Geodatabase (ARID-GEO) from 2005, one operational range encompasses the entire the facility footprint (ARID-GEO, 2005).

A review of available records and background data, as well as an interview with installation personnel, indicate that the range at Kekaha LTA has never been used for training involving live fire military munitions. Munitions expended during training conducted at Kekaha LTA were limited to small caliber blanks. Approximately eight years ago HIARNG stopped using the range, when it became part of the Kekaha Game Management area. Because no training currently takes place on site, and historically has not involved the use of live-fire military munitions, there are no potential sources of MCOC. Therefore, potential off-range migration pathways and potential off-range human and/or ecological receptors were not evaluated, and the range at Kekaha LTA is categorized as Unlikely.

Installations with operational ranges where no munitions, either live-fire or non-live-fire, have been utilized are categorized as Unlikely. That is, based on a review of available information, there is sufficient evidence to show that due to the lack of munitions use there are no known releases or source-receptor interactions that could present an unacceptable risk to human health or the environment. Ranges categorized as Unlikely are required to be re-evaluated at least every five years. Re-evaluation may occur sooner if significant changes (e.g., change in range operations or site conditions, regulatory changes) occur that affect determinations made during this Phase I Assessment. **Table ES-1** summarizes the Phase I Assessment findings.

**Table ES-1: Summary of Findings and Conclusions for Kekaha LTA**

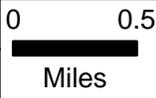
Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 3,194.68 acres	No source – no current or historical use of live-fire military munitions	Not evaluated (no MCOC source identified)		Re-evaluate during five-year review.

## ABBREVIATIONS/ACRONYMS

ARID-GEO	Army Range Inventory Database-Geodatabase
CSM	Conceptual Site Model
DoD	Department of Defense
DODI	Department of Defense Instruction
HIARNG	Hawai'i Army National Guard
LTA	Local Training Area
MCOC	Munitions Constituents of Concern
NCO	Non-Commissioned Officer
ORAP	Operational Range Assessment Program
U.S.	United States
USACE	United States Army Corps of Engineers



Facility Data	Roadways	Hydrology
Facility Boundary	Streets	Waterways
Operational Range		Rivers/Streams



**Operational Range Assessment Program  
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Kekaha LTA, Kauai, HI**

Figure 2-1

General Facility Location and Operational Range Area

Source Edition: ARID-GEO 31 Dec. 2005  
ORIS  
NAVTEQ  
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