



FINAL

Operational Range Assessment Program
Phase I Qualitative Assessment Report
Kalepa 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 Kalepa 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.

Kalepa LTA is situated along the eastern coast of Kaua'i just north of Hanamaulu, Hawai'i. According to the Army Range Inventory Database-Geodatabase from 2006, this 902.94-acre facility is composed of one operational range and contains no non-operational area.

A review of available records and background data, as well as an interview with facility personnel, indicate that the range at Kalepa LTA has never been used for training involving military munitions (live-fire). Kalepa LTA, which is leased from the state, was established in 1975. The facility was last used in the late 1990s for non-live-fire (small caliber blanks), light forces maneuver training exercises. Because training activities do not involve, and historically have not involved, the use of 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 Kalepa LTA is categorized as Unlikely.

Installations with operational ranges where no munitions other than small caliber blanks 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 suspected 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 Kalepa LTA

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 902.94 acres	No source – Munitions use has been limited to small caliber blanks.	Not evaluated (no source identified)		Re-evaluate during the five- year review.

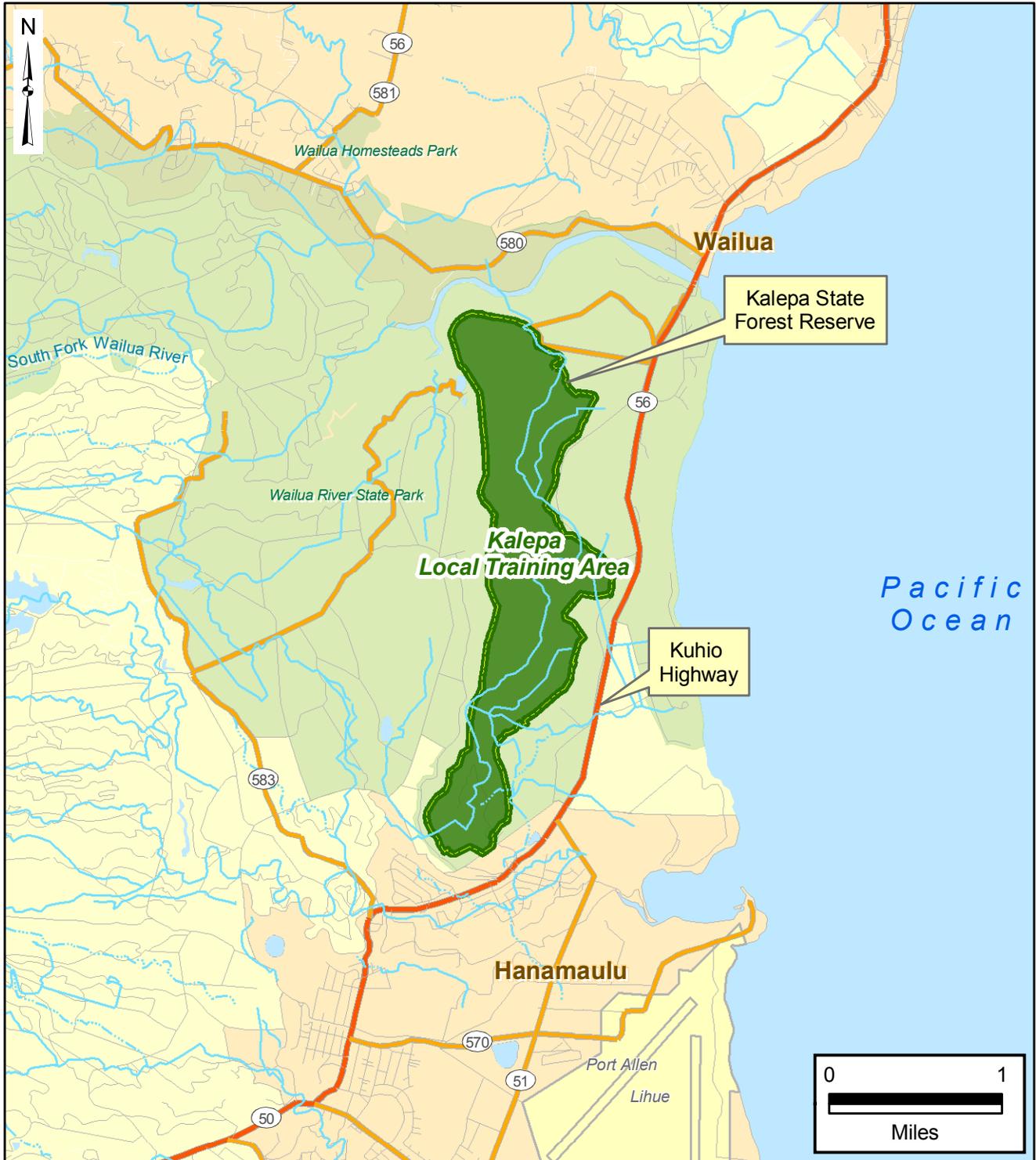
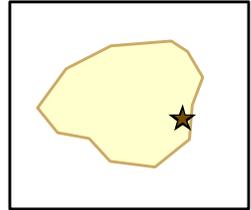
ABBREVIATIONS/ACRONYMS

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



**Operational Range Assessment Program
Phase I Qualitative Assessment
Kalepa Local Training Area, HI**

**Figure 2-1
General Location and Operational Area
of Kalepa Local Training Area**



Range Data

- Range Boundary
- Operational Range Area

Highways

- Interstate Highway
- Highway
- Major Road

Hydrology

- Rivers/Streams
- Waterbody

Data Sources:
ARID-GEO, March 2006
ESRI, StreetMap, 2006

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