FINAL
Operational Range Assessment Program Phase I Qualitative Assessment Report Pu'unene Local Training Area, Maui, 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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Final Operational Range Assessment Program Phase I Qualitative Assessment Range Assessment Reports will be released beginning in March 2008 per the Direction of Army Headquarters. The cover page of this Report reflects the official finalization date. The date on subsequent pages/figures reflects the date upon which this document's conclusions are based.

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 Pu‘unene 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.

A Hawai‘i Army National Guard (HIARNG) facility, Pu‘unene LTA is home to the Maui Consolidated Readiness Center. The city of Kihei is located approximately two miles southeast of the installation on the isthmus between East and West Maui; the training area encompasses approximately 1,614 operational acres in Maui County. Based on the 31 December 2005 Army Range Inventory Database-Geodatabase (ARID-GEO), there is one maneuver/training area for light forces present at Pu‘unene LTA.

A review of available records and background data, as well as interviews with installation personnel, indicates that the range at Pu‘unene LTA has been inactive since 1987. The range was predominantly used in the 1960s and 1970s for room clearing and assault and defense training activities utilizing only blank small-caliber munitions. Small-caliber blank munitions are not considered sources of potential MCOC. Therefore, potential off-range migration pathways and potential off-range human and/or ecological receptors were not evaluated, and the single range at Pu‘unene LTA has been categorized as Unlikely.

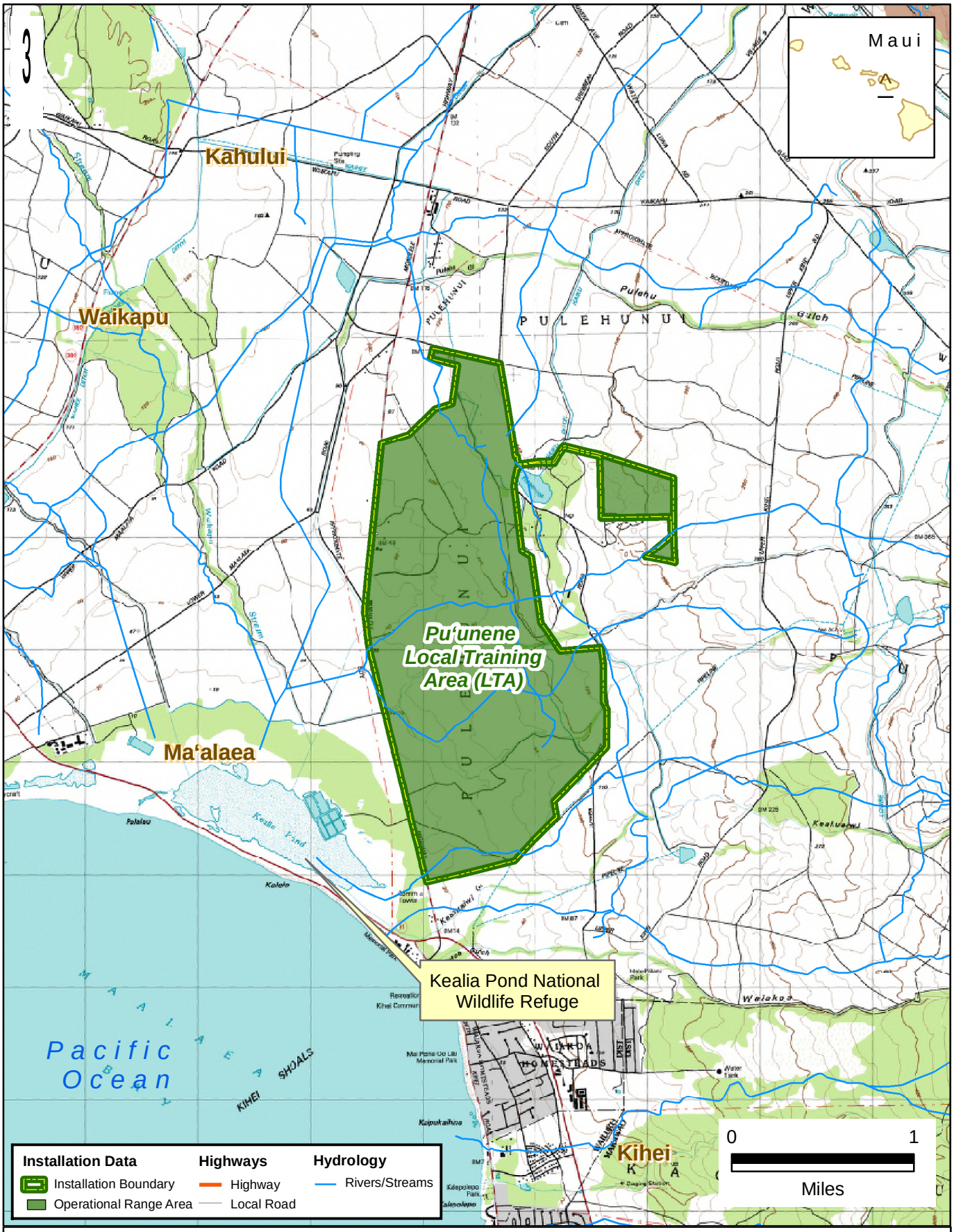
Installations with operational ranges where no munitions or only small caliber blanks have been utilized are categorized as Unlikely. That is, based on a review of available information, there is sufficient evidence to show that due to the lack of munitions use there are no known releases or source-receptor 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 Pu‘unene Local Training Area

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 1,614 acres	No source – no current or historical use of live-fire military munitions	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
MCOC	Munitions Constituents of Concern
NAS	Naval Air Station
ORAP	Operational Range Assessment Program
U.S.	United States
USACE	United States Army Corps of Engineers



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Qualitative Operational Range Phase I Assessment
Pu'unene Local Training Area, Maui, HI

Figure 2-1
Operational Range Assessment Program

Data Sources:
ARID-GEO 24 Sept. 2001
ESRI StreetMap USA, 2005

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