



FINAL

Operational Range Assessment Program
Phase I Qualitative Assessment Report
Pau'uilo Local Training Area, Hawai'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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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 Pau'uilo 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.

Pau'uilo LTA is comprised of 44.62 acres of land located near the town of Pa'auilo, Hawai'i in the northern area of the island of Hawai'i. Based on available Army Range Inventory Database-Geodatabase (ARID-GEO) data (dated 31 December 2005), Pau'uilo LTA consists of a single 44.62-acre operational range that is authorized for use by Hawai'i Army National Guard (HIARNG) units as a training and maneuver area for light forces.

A review of available records and background data, as well as interviews with HIARNG personnel, indicate that the range at Pau'uilo LTA has never been used for training involving military munitions other than blank small-caliber ammunition. Training conducted at Pau'uilo LTA is limited to maneuver and training exercises and squad drills. 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 Pau'uilo 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 Pau'uilo LTA

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 44.62 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
DODI	Department of Defense Instruction
HIARNG	Hawai'i Army National Guard
LTA	Local Training Area
MCOC	Munitions Constituents of Concern
ORAP	Operational Range Assessment Program
U.S.	United States
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Service



**Operational Range Assessment Program
Phase I Qualitative Assessment
Pau'ulo Local Training Area, Hawai'i, HI**
Figure 2-1
General Range Location and Operational Range Area



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

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