



FINAL

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

Nounou LTA is located on the central portion of the eastern side of Kaua'i Island, Hawaii, in an area known as the Lihue Basin. The training area is comprised of one operational range encompassing 1,720.88 acres. There is no non-operational acreage associated with Nounou LTA (Army Range Inventory Database-Geodatabase, 2006).

A review of available records and background data, as well as interviews with Hawai'i Army National Guard (HIARNG) personnel, indicate that Nounou LTA was first utilized in 1975 as a maneuver/training area for light forces. The range at Nounou LTA has never been used for training involving live-fire military munitions. Troops were only permitted to train with blanks, due to possible fire hazards. Until eight years ago, HIARNG rotated their maneuver/training exercises between Anahola, Nounou, and Aahoaka LTAs on a monthly basis. Personnel also stated that Nounou LTA has not been used in eight years due to encroachment from communities. Because training activities do not involve, and historically have 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.

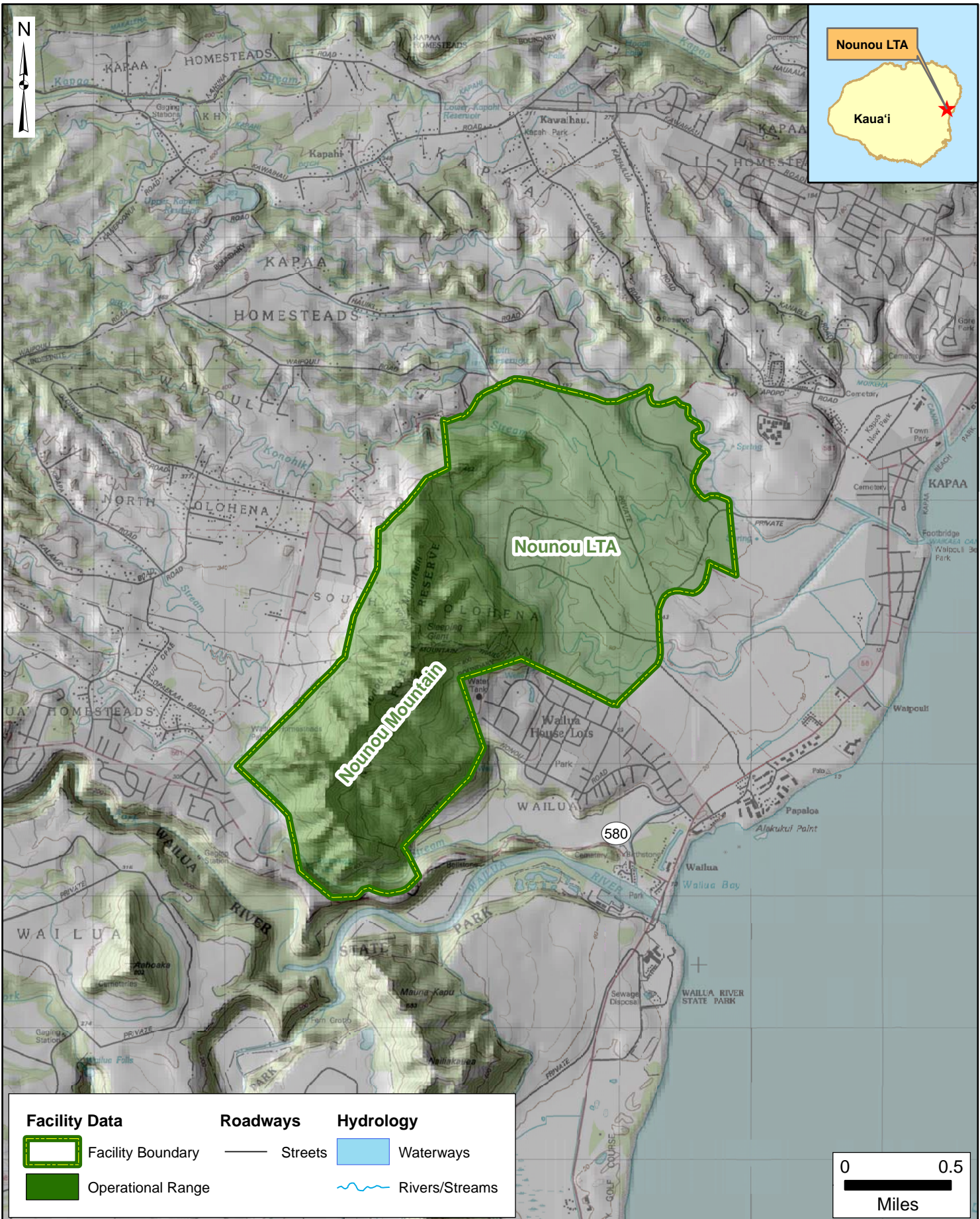
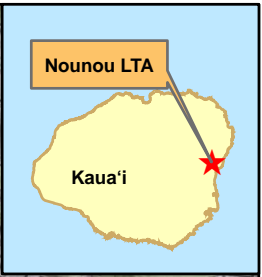
Installations with operational ranges where no munitions have been utilized or those where only small caliber blanks have been utilized are categorized as Unlikely. That is, based on a review of available information, there is sufficient evidence to show that due to the lack of munitions use there are 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 Nounou LTA

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 1,720.88 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
HIARNG	Hawai'i Army National Guard
LTA	Local Training Area
MCOG	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
Phase I Qualitative Assessment
Nounou LTA, Kaua'i, HI**

Figure 2-1

General Facility Location and Operational Range Area

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 ORIS NAVTEQ
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