

**FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
LIEUTENANT COLONEL HERNAN G. PESQUERA UNITED
STATES ARMY RESERVE CENTER
FORT ALLEN, PUERTO RICO**

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Prepared for:

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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 Lieutenant Colonel (LTC) Hernan G. Pesquera U.S. Army Reserve Center (USARC) 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.

LTC Hernan G. Pesquera USARC encompasses approximately 39 acres within the grounds of Fort Allen, Puerto Rico. LTC Hernan G. Pesquera USARC is located approximately three miles south of the city of Juana Diaz, Puerto Rico, on Highway 149. According to the Army Range Inventory Database-Geodatabase (ARID-GEO) (2007), LTC Hernan G. Pesquera USARC is federally owned and consists of one operational range encompassing approximately four acres and approximately 35 acres that are considered other than operational area. According to the *Puerto Rico U.S. Army Reserve Center Sites Real Property Master Plan* (no date), LTC Hernan G. Pesquera USARC encompasses approximately 40 acres. However, further documentation/mapping information was not provided to confirm; therefore, the acreage provided by ARID-GEO (2007) was utilized to conduct this Phase I Assessment. Currently, LTC Hernan G. Pesquera USARC consists of facilities that are utilized primarily for classroom and hands-on individual level training that is mainly oriented toward an individual's military occupational specialty.

A review of available records and background data, as well as interviews with 1st Mission Support Command (MSC), formerly 65th Regional Readiness Command (RRC) personnel, indicated that the operational range at LTC Hernan G. Pesquera USARC has never been used for training involving military munitions (live-fire or non-live-fire). Training currently conducted at LTC Hernan G. Pesquera USARC is limited primarily to classroom training and equipment maintenance. 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 ecological receptors were not evaluated, and the range at LTC Hernan G. Pesquera USARC is categorized as Unlikely.

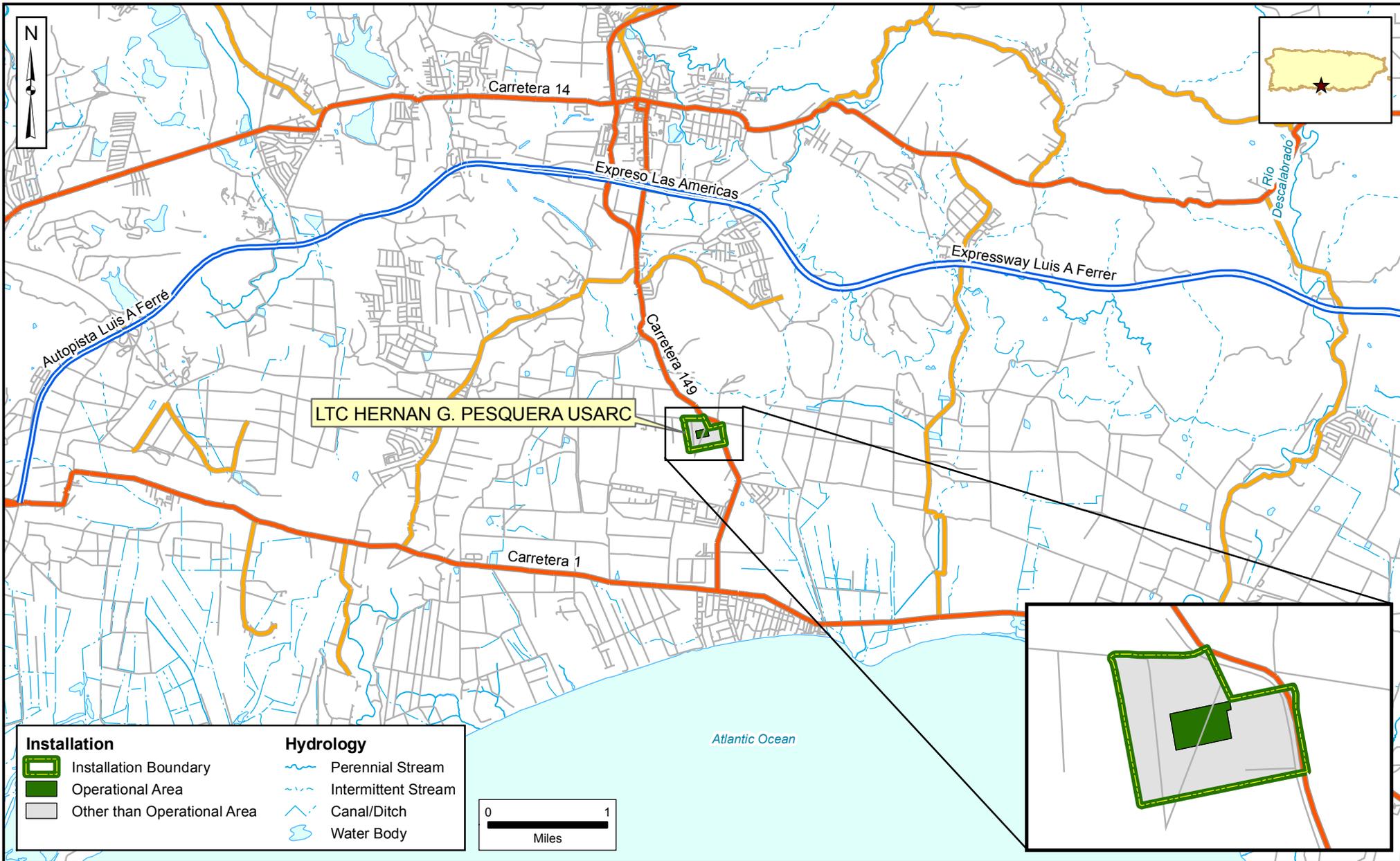
Installations with operational ranges where no munitions or only small caliber blanks have been utilized are categorized as Unlikely. That is, based on a review of available information, there is sufficient evidence to show that due to the lack of munitions use there are no known releases or source-receptor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

Category	Total Number of Ranges and Acreage	Source(s)	Pathway(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 3.94 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
LTC	Lieutenant Colonel
MCOC	Munitions Constituents of Concern
MSC	Mission Support Command
ORAP	Operational Range Assessment Program
RRC	Regional Readiness Command
U.S.	United States
USACE	United States Army Corps of Engineers
USARC	United State Army Reserve Center



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**Operational Range Assessment Program
Phase I Qualitative Assessment
LTC Hernan G. Pesquera USAR Center, PR**

Figure 2-1

General LTC Hernan G. Pesquera USAR Center Location and Operational Range Area

Data Sources:
AEC, ARID-GEO, 2007
US Census Bureau, Streets, 2000

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