

**FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
CAPTAIN EURIPIDES RUBIO JUNIOR UNITED STATES ARMY
RESERVE CENTER
PUERTO NUEVO, 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 Captain (CPT) Euripides Rubio Junior (Jr.) 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.

CPT Euripides Rubio Jr. USARC is located in the ward of Puerto Nuevo, Puerto Rico, along Baleares Street near Highway 23. According to the Army Range Inventory Database-Geodatabase (ARID-GEO) (2007), CPT Euripides Rubio Jr. USARC is federally owned and consists of three operational ranges encompassing approximately 51 acres and approximately 10 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), CPT Euripides Rubio Jr. USARC encompasses approximately 63 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, CPT Euripides Rubio Jr. 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 ranges at CPT Euripides Rubio Jr. USARC have never been used for training involving military munitions (live-fire or non-live-fire). Training currently conducted at CPT Euripides Rubio Jr. USARC is limited primarily to classroom training. 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 ranges at CPT Euripides Rubio Jr. USARC are categorized as Unlikely.

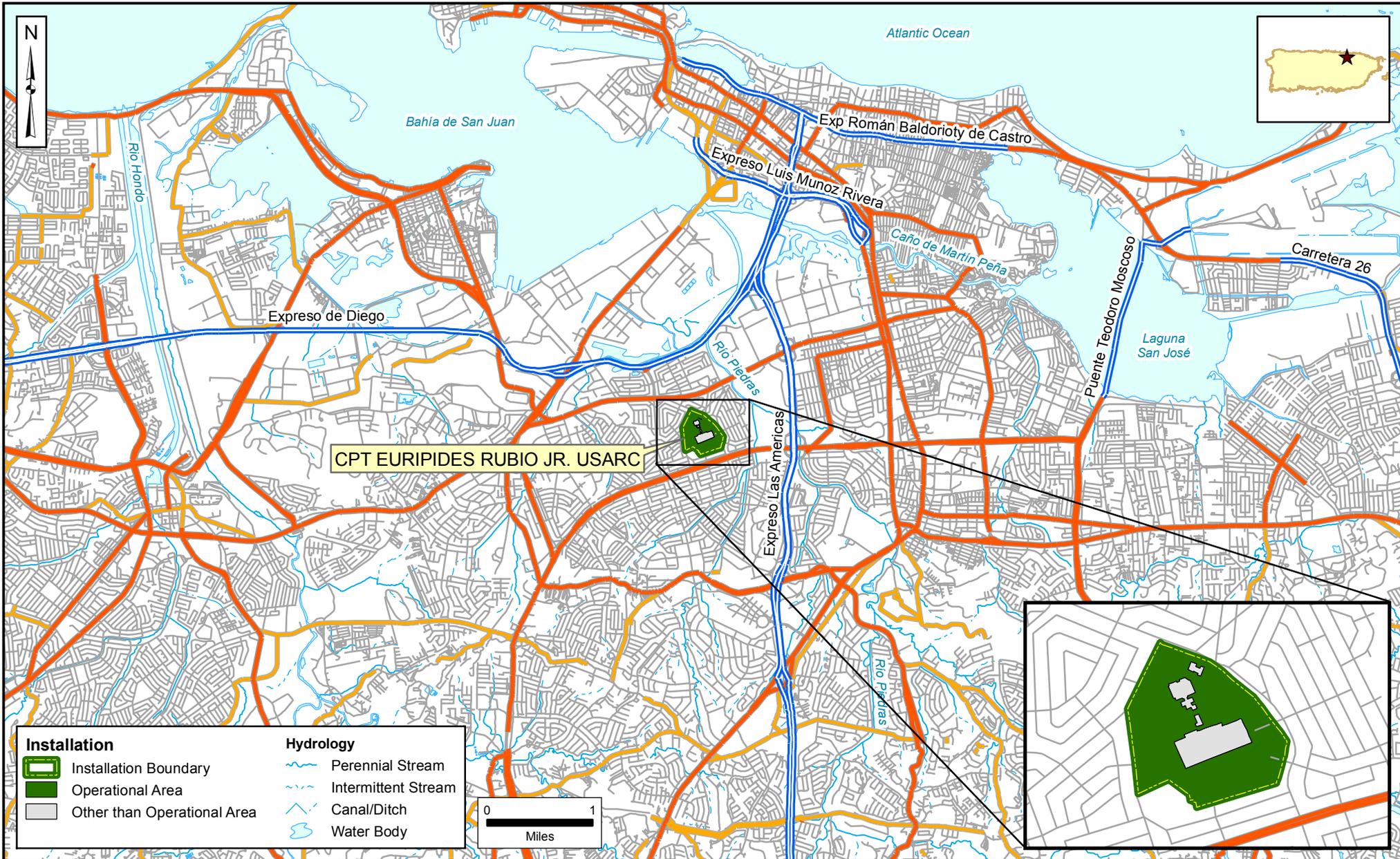
Installations with operational ranges where no munitions or only small caliber blanks have been utilized are categorized as Unlikely. That is, based on a review of available information, there is sufficient evidence to show that due to the lack of munitions use there are no known releases or source-receptor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

Category	Total Number of Ranges and Acreage	Source(s)	Pathway(s)	Human and Ecological Receptors	Conclusions
Unlikely	Three operational ranges; 50.70 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
CPT	Captain
CSM	Conceptual Site Model
DoD	Department of Defense
Jr.	Junior
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



Installation		Hydrology	
	Installation Boundary		Perennial Stream
	Operational Area		Intermittent Stream
	Other than Operational Area		Canal/Ditch
			Water Body



**Operational Range Assessment Program
Phase I Qualitative Assessment
CPT Euripides Rubio Jr. USAR Center, PR**

**Figure 2-1
General CPT Euripides Rubio Jr. USAR Center Location and Operational Range Area**

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

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