

**FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
SWIFT ACRES LOCAL TRAINING AREA
OCALA, FLORIDA**

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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 Swift Acres 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.

Swift Acres LTA encompasses approximately 4,163 acres in Marion County, Florida. Swift Acres LTA is located on the outskirts of Ocala, Florida, approximately one mile northeast of the city limits in an area dominated by rural pastureland. The site is privately owned and is used for agricultural and forestry activities. The Florida Army National Guard (FLARNG) Company A, 2nd Battalion, 124th Infantry Regiment utilized the Swift Acres LTA as a light maneuver area through a land use agreement with the private property owner.

A review of available records and background data, as well as interviews with FLARNG personnel, indicated that the Swift Acres LTA has never been used for training involving live-fire munitions. The Swift Acres LTA has not been utilized for training since approximately mid-1998. Historically (approximately 1995-1998), blank ammunition, smoke grenades, and pyrotechnics may have been utilized during training exercises; however, munitions debris was collected and removed at the conclusion of training events.

Unlikely – Five-Year Review

The single operational range at Swift Acres LTA is categorized as Unlikely, totaling 4,163 acres. This range is a light infantry maneuver area. Because historical training activities involved a limited source of military munitions, which were collected and removed at the conclusion of training exercises, there are very limited potential sources of MCOC. Ranges where, based upon a review of readily available information, there is sufficient evidence to show that there are no known releases or source-receptor interactions on range that could present an unacceptable risk to human health or the environment are categorized as Unlikely. 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 Swift Acres LTA

Category	Total Number of Ranges and Acreage	Source(s)	Pathway(s)	Human Receptors	Ecological Receptors	Conclusions and Rationale
Unlikely	One operational range; 4,163 acres	Limited source – no current or historical use of live-fire military munitions; limited historical use of blanks, smoke grenades, and pyrotechnics	Not evaluated (limited source was identified)			Re-evaluate during the five-year review. Limited source was identified.

ABBREVIATIONS/ACRONYMS

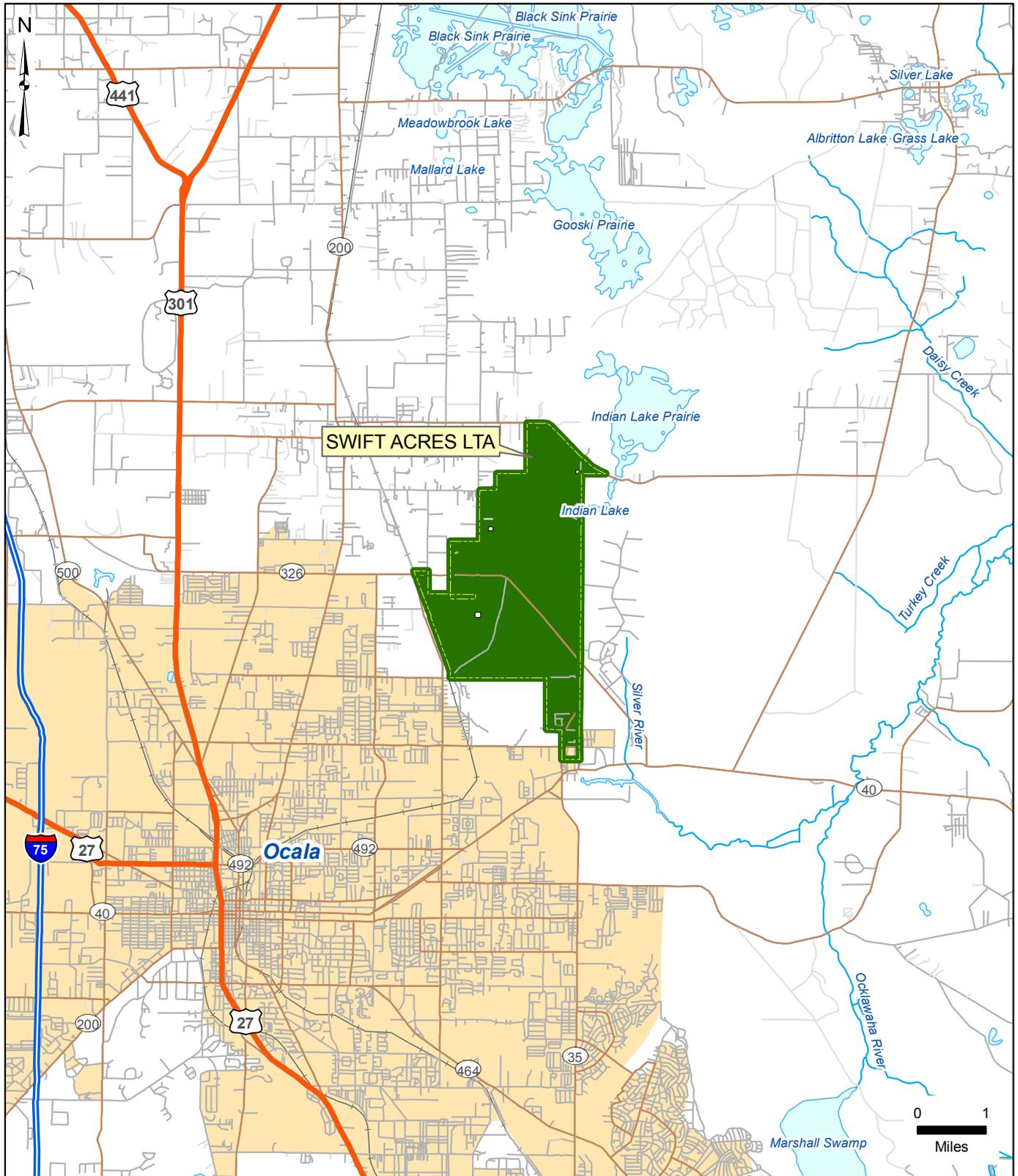
ARID-GEO	Army Range Inventory Database – Geodatabase
ARNG	Army National Guard
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CSM	Conceptual Site Model
DoD	Department of Defense
DODI	Department of Defense Instruction
E	Ecological receptors identified. (This refers to range grouping; pathway designation always precedes E designation.)
FDEP	Florida Department of Environmental Protection
FDOH	Florida Department of Health
FGDL	Florida Geographic Data Library
FLARNG	Florida Army National Guard
FNAI	Florida Natural Areas Inventory
GIS	Geographic Information System
GW	Groundwater pathway identified. (This refers to range grouping; M designation always precedes GW designation.)
H	Human receptors identified. (This refers to range grouping; pathway designation always precedes H designation.)
LS	Limited Source
LTA	Local Training Area
M	Munitions used. (This refers to range grouping; M designation always precedes applicable pathway.)
MCOC	Munitions Constituents of Concern
msl	Mean Sea Level
ORAP	Operational Range Assessment Program
PU	Pathway unlikely or incomplete. This is referring to range grouping, M designation always precedes PU designation.
PWS	Public Water Supply
RFE	Robert F. Ensslin
SJRWMD	St. Johns River Water Management District
SSC	Species of Special Concern
SW	Surface water pathway identified. (This refers to range grouping; M designation always precedes SW designation.)
U.S.	United States
USACE	United States Army Corps of Engineers
USACHPPM	United States Army Center for Health Promotion and Preventive Medicine
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
WSRP	Water Supply Restoration Program
°F	Degrees Fahrenheit



Operational Range Assessment Program
Phase I Qualitative Assessment
Swift Acres LTA, FL



Figure 1-1
General Location and Operational Range Area



- Site**
- Training Site Boundary
 - Operational Area
 - Other than Operational Area

- Hydrology**
- Stream/River
 - Waterbody

Data Sources:
AEC, ARID-GEO, 2005
ESRI, StreetMap USA, 2005

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