



**DEPARTMENT OF THE ARMY**  
**US ARMY CENTER FOR HEALTH PROMOTION AND PREVENTIVE MEDICINE**  
**5158 BLACKHAWK ROAD**  
**ABERDEEN PROVING GROUND MD 21010-5403**

EXECUTIVE SUMMARY  
QUALITATIVE RANGE ASSESSMENT  
NO. 38-EH-041D-05  
CAMP BLANDING JOINT TRAINING CENTER  
FLORIDA ARMY NATIONAL GUARD  
STARKE, FLORIDA

**1. PURPOSE.** The purpose of this Qualitative Assessment Report is to evaluate the Camp Blanding Joint Training Center (Camp Blanding) range complex 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. The qualitative assessment of operational ranges is required by Department of Defense Instruction 4715.14, dated 30 November 2005. This instruction is intended to ensure the long-term viability of operational ranges while protecting human health and the environment.

**2. CONCLUSION.** It is unlikely that MCOC from the Camp Blanding range complex are adversely affecting off-range human or ecological receptors. This conclusion is based on previous sampling efforts and an analysis of the environmental setting in and around Camp Blanding. Several studies have been conducted to evaluate the surface water quality on the range complex. These studies indicate that the surface water quality is generally good and that aquatic habitats at Camp Blanding are in very good condition. Additionally, ground water is unlikely to convey MCOC to an off-range area at concentrations that pose an unacceptable risk to human health. This is based on an assessment of available groundwater data and the location of drinking water wells.

**3. RECOMMENDATION.** Periodically reevaluate Camp Blanding's operational ranges to determine if there is a release or substantial threat of a release of MCOC from an operational range to an off range area. This reevaluation shall occur at least every 5 years, or whenever significant changes (e.g., changes in range operations, site conditions, applicable statutes, regulations, Department of Defense issuances, or other policies) occur that affect determinations made during this assessment. The reevaluation is required by Department of Defense Instruction 4715.14, dated 30 November 2005.

\* MCOC for high explosives include: trinitrotoluene (TNT); cyclotetramethylenetetranitramine (HMX); pentaerythritoltetranitrate (PETN); cyclotrimethylenetrinitramine (RDX); 2,4-dinitrotoluene (DNT); and 2,6-DNT. MCOC for small arms include lead, antimony, copper, zinc, and tungsten. MCOC for training areas include perchlorate (a propellant) and white phosphorus (an incendiary agent).

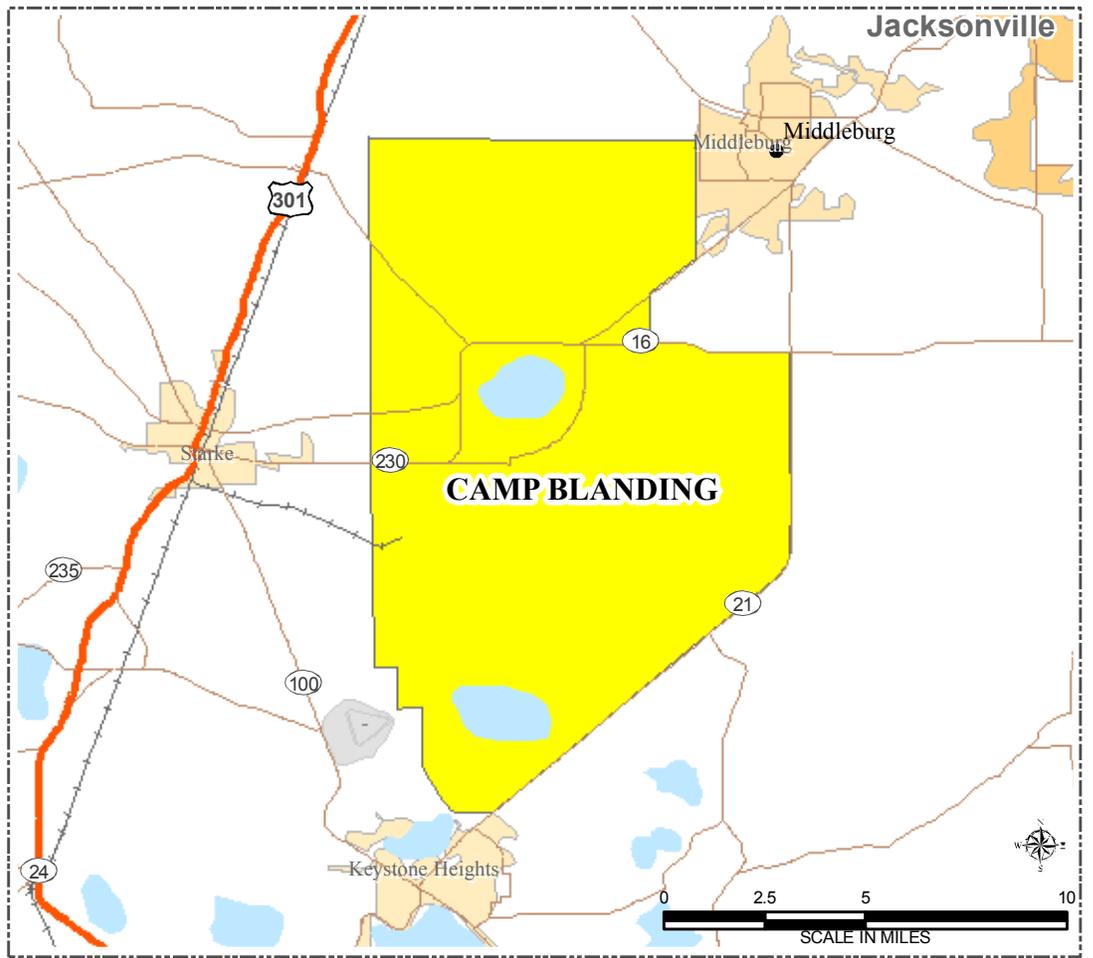
*Readiness thru Health*

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Qualitative Range Assessment No. 38-EH-041D-05, Camp Blanding Joint Training Center,  
Florida Army National Guard, Starke, Florida

### ABBREVIATIONS/ACRONYMS

AIA	Artillery Impact Area
bgs	Below Ground Surface
CBJTC	Camp Blanding Joint Training Center
CSM	Conceptual Site Model
DNT	Dinitrotoluene
EOD	Explosive Ordnance Disposal
FLARNG	Florida Army National Guard
FNAI/TNC	Florida Natural Areas Inventory/The Nature Conservancy
GIS	Geographic Information System
HE	High Explosive
HMX	Cyclotetramethylenetetranitramine
MCOC	Munitions Constituents of Concern
mm	millimeter
msl	Mean Sea Level
OFW	Outstanding Florida Waterway
RDX	Cyclotrimethylenetrinitramine
RFMSS	Range Facilities Management Support System
TNT	Trinitrotoluene



**FIGURE 1**  
**LOCATION MAP**  
**CAMP BLANDING JOINT TRAINING CENTER, FLORIDA**

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