



FINAL

Operational Range Assessment Program Phase I Qualitative Assessment Report Camp Keyes, Maine

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



Printed on
recycled
paper



March 2008



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 Camp Keyes 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.

Camp Keyes is located in the city of Augusta in south-central Maine. The training site is located adjacent to the Augusta Airport, approximately one mile east of the I-95 interchange. The 21.45-acre training site contains one 0.97-acre operational range used by the Maine Army National Guard (MEARNG) which consists of buildings and classrooms, and a parade area.

A review of available records and background data, as well as an interview with training site personnel, indicate that the range at Camp Keyes has never been used for training involving military munitions. Training currently conducted at Camp Keyes is limited to drill, physical, tactical, and classroom training. Because training activities have never 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 operational range at Camp Keyes was 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 Camp Keyes

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	1 operational range; 0.97 acres	No source – no current or historical use of live-fire or non-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
ITAM	Integrated Training Area Management
MCOC	Munitions Constituents of Concern
MEARNG	Maine Army National Guard
ORAP	Operational Range Assessment Program
U.S.	United States



Operational Range Assessment Program
Phase I Qualitative Assessment
Camp Keyes, ME

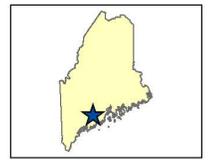
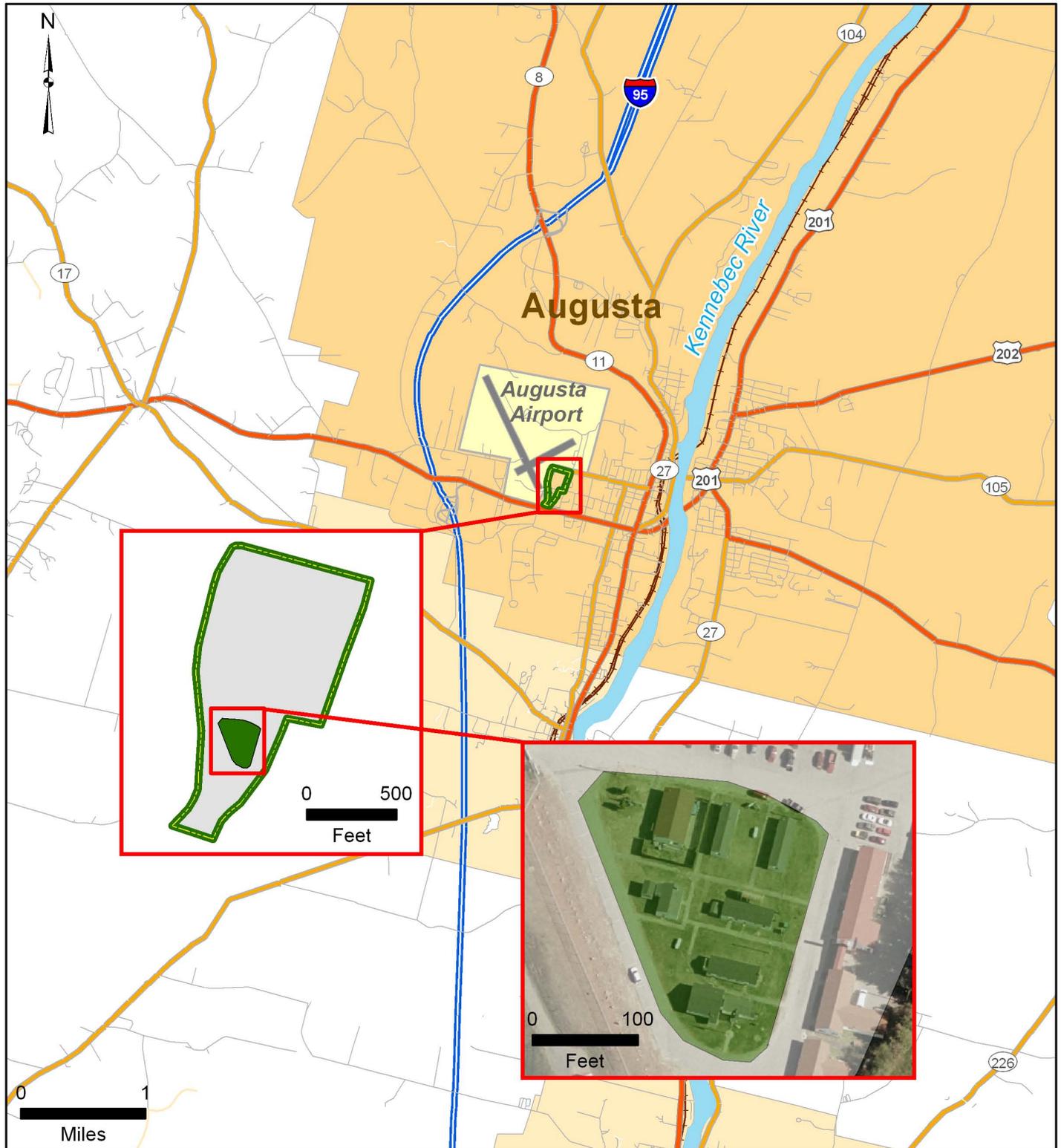


Figure 2-1
General Camp Keyes Location and Operational Range Area



- Installation**
- Installation Boundary
 - Operational Area
 - Non-Operational Area

Data Sources:
ARID-GEO 2007, ESRI StreetMap USA 2005

Date:.....March 2008
Prepared By: EA Engineering, Science & Technology
Prepared For:..... U.S. Army
Contract Number:..... W912DR-05-D-0008

H:\ORAP\619902\Maine\CampKeyes_JFHQ\GIS\Projects\Figure2-1.mxd