

**FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
KINGSBURY LOCAL TRAINING AREA
KINGSBURY, INDIANA**

MAY 2008

Prepared for:

UNITED STATES ARMY CORPS OF ENGINEERS, BALTIMORE DISTRICT
P.O. Box 1715
Baltimore, Maryland 21203

and

UNITED STATES ARMY ENVIRONMENTAL COMMAND
Aberdeen Proving Ground, Maryland 21010

Prepared by:

MALCOLM PIRNIE, INC.
824 Market Street
Suite 820
Wilmington, Delaware 19801



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 the 88th Regional Readiness Command (RRC) Kingsbury Local Training Area (LTA) (Facility ID IN023) 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.

The Kingsbury LTA encompasses approximately 966 acres in Porte County and is approximately 35 miles south of South Bend, Indiana (88th RRC, 2004). The installation is owned by the U.S. Government and controlled by 88th RRC. The installation is located at 8200 South County Road 300E in Kingsbury, Indiana, and has one operational range that comprises approximately 919 acres (ARID-GEO, 2006). The remaining 47 acres at the Kingsbury LTA are categorized as other than operational areas (ARID-GEO, 2006).

The Kingsbury LTA lies on the southern portion of the former Kingsbury Ordnance Plant (Parsons, 2006). The Kingsbury LTA property was reportedly located on buffer land of the Kingsbury Ordnance Plant (88th RRC, 2004). Kingsbury LTA has undergone various precautionary surveys and investigations related to environmental conditions and munitions and explosives of concern (MEC). The conclusions of these surveys and investigations indicate MEC are not present at the Kingsbury LTA (Parsons 2006).

The current mission at the Kingsbury LTA is to provide facilities and grounds for administration, training, and supply for the resident military unit, the 542nd Transportation Company. The facility also supports hands-on training missions and performance training in support of peacetime logistical requirements for U.S. Army Reserve and Active Component units. A variety of unit types uses the training area, including Air Force Reserve, Indiana National Guard, Marines, Army Reserve, and Army Reserve Officers' Training Corps. Most units training at the LTA perform field exercises, which can include varying numbers and types of vehicles. Tanker vehicles are not allowed at the LTA. No live munitions are used at the Kingsbury LTA (88th RRC, 2004).

A review of available records and background data, as well as interviews with installation personnel, indicated that the Kingsbury LTA has never been used for training involving military munitions (live-fire or non-live-fire). Training currently conducted at the operational range is limited to field exercises (88th RRC, 2004). Historically, air units also used the training area's drop zone to drop heavy and light skids (Parsons, 2006). 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 the Kingsbury LTA 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

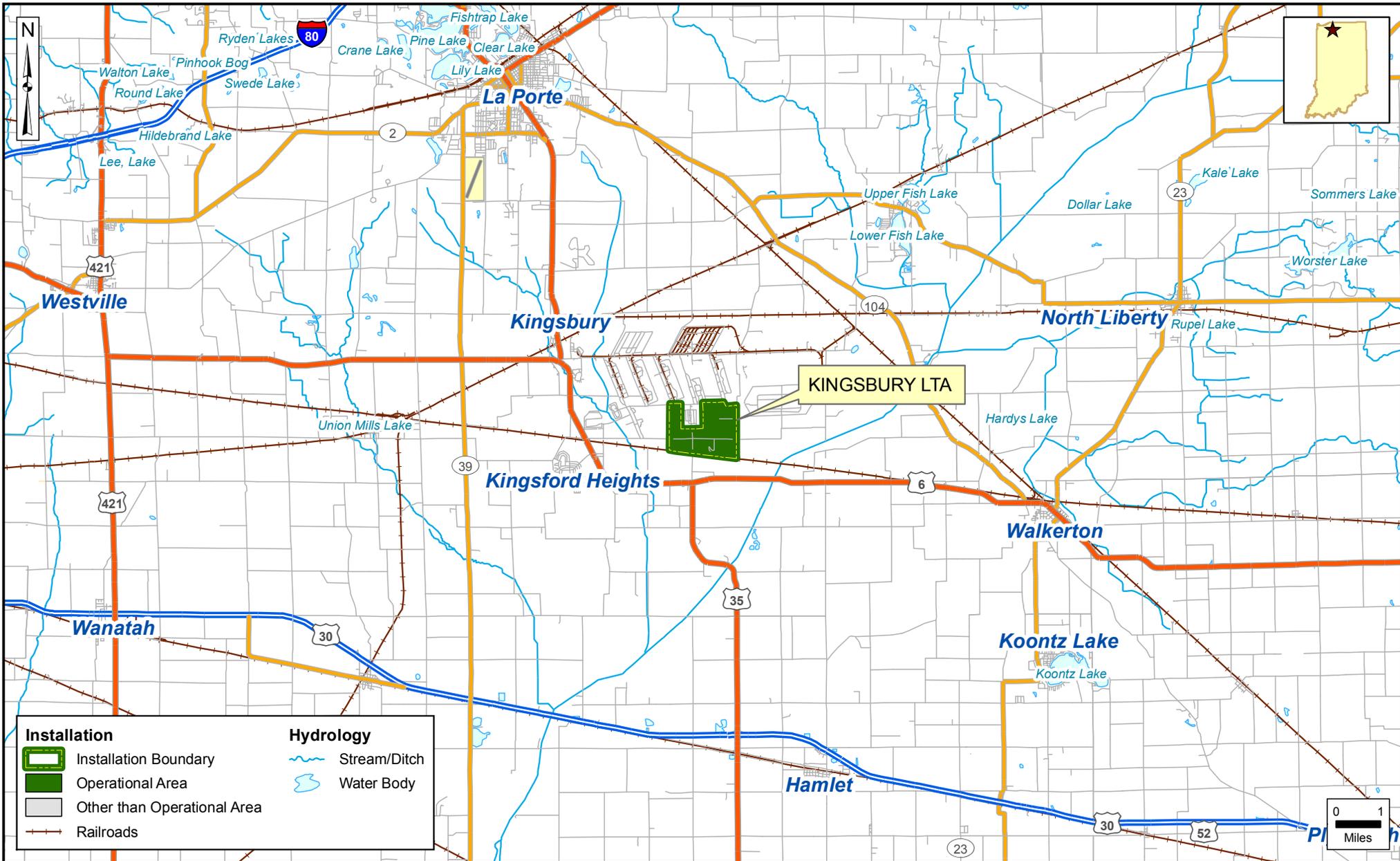
environment. Ranges categorized as Unlikely are required to be re-evaluated at least every five years. Re-evaluation may occur sooner if significant changes (e.g., change in range operations or site conditions, regulatory changes) occur that affect determinations made during this Phase I Assessment. **Table ES-1** summarizes the Phase I Assessment findings.

Table ES-1: Summary of Findings and Conclusions for the Kingsbury LTA

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 919 acres	No source—no current or historical use of live-fire military munitions	Not evaluated (no source was 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
GIS	Geographic Information System
LTA	Local Training Area
MEC	Munitions and Explosives of Concern
MCOC	Munitions Constituents of Concern
OE	Ordnance and explosives
ORAP	Operational Range Assessment Program
RRC	Regional Readiness Command
U.S.	United States
USACE	United States Army Corps of Engineers
USARC	United States Army Reserve Center
UXO	Unexploded Ordnance



**MALCOLM
PIRNIE**

**Operational Range Assessment Program
Phase I Qualitative Assessment
Kingsbury LTA, IN**

Figure 2-1

General Location and Operational Range Area of Kingsbury LTA

Data Sources:
AEC, ARID-GEO, October 2006
ESRI, StreetMap USA, 2005

Date: May 2008
Prepared By: Malcolm Pirnie, Inc.
Prepared For: U.S. Army
Contract: W912DR-05-D-0004