

**FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
KELLY CANYON TRAINING SITE
JEFFERSON COUNTY, IDAHO**

MARCH 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.
300 E. Lombard Street
Suite 610
Baltimore, Maryland 21202



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 Kelly Canyon Training Site's (Kelly Canyon's) operational range area 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.

Kelly Canyon encompasses approximately 3,826 acres in Jefferson County, Idaho. The training site is located approximately eight miles northeast of Ririe, Idaho, on property owned by the State of Idaho and managed by the Idaho Department of Lands. According to the Army Range Inventory Database-Geodatabase (2006), one training and maneuver area encompasses the entire 3,826-acre training site. There is no other than operational range area at Kelly Canyon.

A review of available records and background data, as well as interviews with the Idaho Army National Guard personnel, indicates that the range at Kelly Canyon has never been used for training involving military munitions (live-fire or non-live-fire). Training currently conducted at Kelly Canyon is limited to field training exercises. 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 Kelly Canyon is categorized as Unlikely.

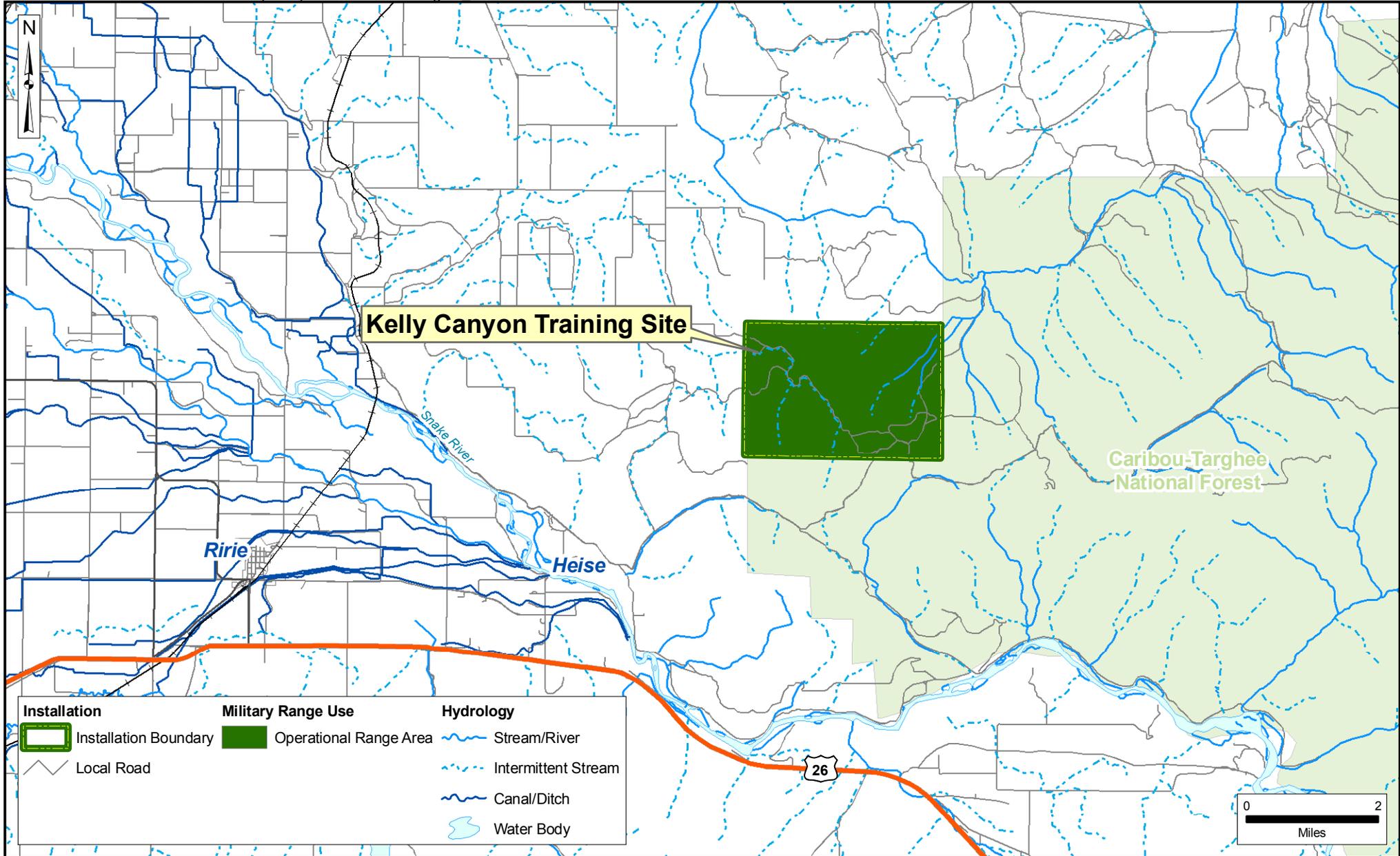
Installations with operational ranges where no munitions, either live-fire or non-live-fire, have been utilized are categorized as Unlikely. That is, based on a review of available information, there is sufficient evidence to show that due to the lack of munitions use there are no known releases or source-receptor 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, 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 Kelly Canyon

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 3,826 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
ARNG	Army National Guard
CSM	Conceptual Site Model
DoD	Department of Defense
DODI	Department of Defense Instruction
Kelly Canyon	Kelly Canyon Training Site
MCOG	Munitions Constituents of Concern
ORAP	Operational Range Assessment Program
RFMSS	Range Facility Management Support System
ROTC	Reserve Officers' Training Corps
U.S.	United States
USACE	United States Army Corps of Engineers



**Operational Range Assessment Program
Phase I Qualitative Assessment
Kelly Canyon Training Site, Idaho**

**Figure 2-1
General Installation Location and Operational Range Area**

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

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