

**FINAL  
OPERATIONAL RANGE ASSESSMENT PROGRAM  
PHASE I QUALITATIVE ASSESSMENT REPORT  
LEROY DILKA LAND  
WIGGINS, COLORADO**

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Prepared for:

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The logo for Malcolm Pirnie, Inc. features the company name in a bold, white, sans-serif font. The word "MALCOLM" is positioned above "PIRNIE". The letters are set against a solid black rectangular background.

## 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 Leroy Dilka Land 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.

Leroy Dilka Land encompasses approximately 2.35 acres in Morgan County, Colorado. The installation is located approximately five miles northeast of Wiggins, Colorado, on property owned by Mr. Leroy Dilka. According to the Army Range Inventory Database-Geodatabase from 2005, one training area encompassing 2.35 acres is present on the installation.

A review of available records and background data, as well as an interview with installation personnel, indicated that the range at Leroy Dilka Land has never been used for training involving live-fire military munitions. Leroy Dilka Land is not currently used for training by the Colorado Army National Guard (COARNG). The current memorandum of understanding (MOU) between Mr. Dilka and the COARNG expired on 30 September 2005 (COARNG, 2000); however, the COARNG has the option to renew the MOU. Training conducted at Leroy Dilka Land included high frequency communications field training exercises and the use of small caliber blanks. 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 Leroy Dilka Land 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 Leroy Dilka Land**

Category	Total Number of Ranges and Acreage	Source(s)	Pathway(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 2.35 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
COARNG	Colorado Army National Guard
CSM	Conceptual Site Model
DoD	Department of Defense
MCOC	Munitions Constituents of Concern
MOU	Memorandum of Understanding
ORAP	Operational Range Assessment Program
U.S.	United States
USACE	United States Army Corps of Engineers

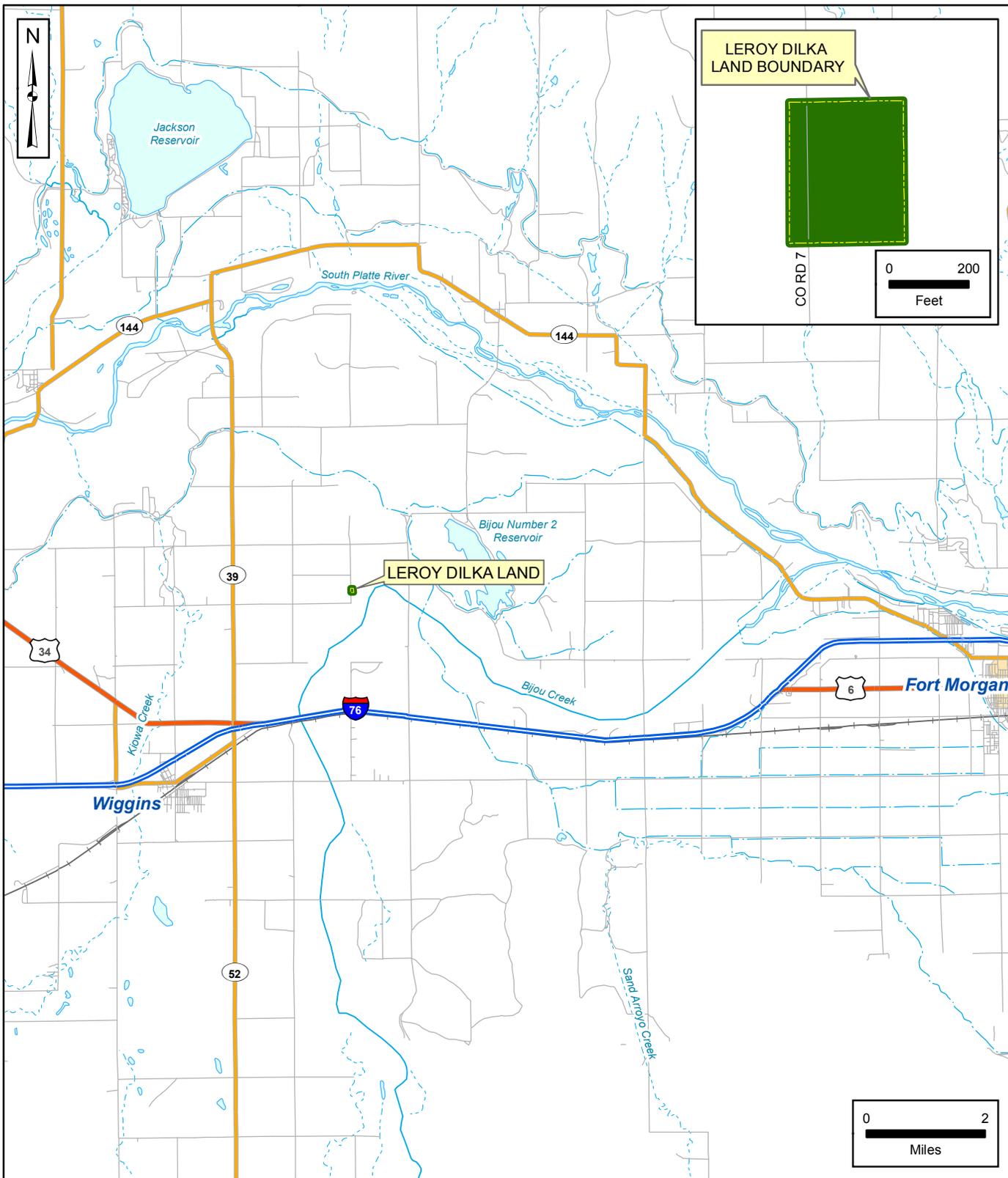
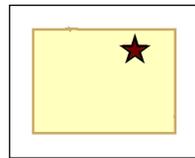


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**Operational Range Assessment Program  
Phase I Qualitative Assessment  
Leroy Dilka Land, CO**

**Figure 2-1**

**General Leroy Dilka Land Location and Operational Range Area**



**Installation**

- Installation Boundary
- Operational Area

**Hydrology**

- River/Stream (Perennial)
- Stream (Intermittent)
- Canal/Ditch
- Water Body

**Transportation**

- Interstate
- Highway
- Major Road
- Local Road

- Railroad
- Urbanized Area

**Data Sources:**

AEC, ARID-GEO, 2005  
ESRI, StreetMap USA, 2005

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