

**FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
MCCONNELSVILLE LOCAL TRAINING AREA
MCCONNELSVILLE, OHIO**

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Prepared for:

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The logo for Malcolm Pirnie, Inc. consists of the words "MALCOLM" and "PIRNIE" stacked vertically in a bold, white, sans-serif font. The text is centered within 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 McConnelsville Local Training Area (LTA) 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.

McConnelsville LTA encompasses approximately 448.3 acres in Morgan County, Ohio (OHARNG, 2008). The installation is located within one mile of downtown McConnelsville on federally owned property. The Army Range Inventory Database-Geodatabase (ARID-GEO) (2007) refers to the installation as Training Site-Hawk McConnelsville, but the Ohio Army National Guard (OHARNG) calls the site McConnelsville LTA. The OHARNG reports different boundaries for the site from those provided in ARID-GEO (2007), and the OHARNG labels the entire installation as operational, whereas ARID-GEO (2007) includes other than operational area at the site. The name McConnelsville LTA, the boundaries, and the acreages reported by the OHARNG were used for this report. The installation consists of one maneuver/training range (ARID-GEO, 2007).

A review of available records and background data and interviews with installation personnel indicate that the range at McConnelsville LTA has never been used for training involving military munitions (live-fire or non-live-fire). Training currently conducted at McConnelsville LTA is limited to radar training for the Avenger missile system. The system has never been fired at the site. 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 McConnelsville 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 McConnelsville LTA

Category	Total Number of Ranges and Acreage	Source(s)	Pathway(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 448.3 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
CSM	Conceptual Site Model
DoD	Department of Defense
GIS	Geographic Information System
LTA	Local Training Area
MCOG	Munitions Constituents of Concern
OHARNG	Ohio Army National Guard
ORAP	Operational Range Assessment Program
U.S.	United States
USACE	United States Army Corps of Engineers

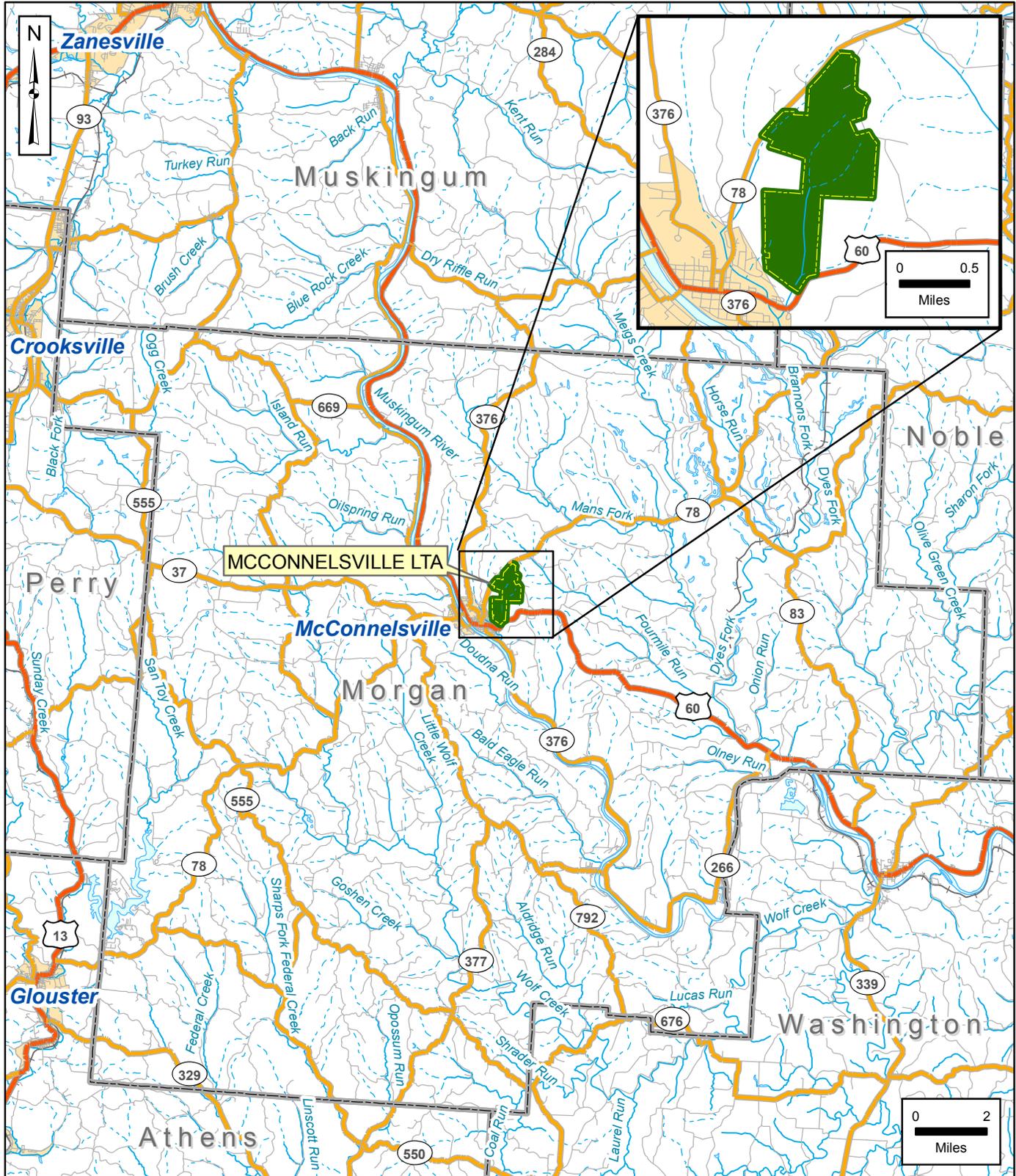


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**Operational Range Assessment Program
Phase I Qualitative Assessment
McConnelsville LTA, OH**

Figure 2-1

General McConnelsville LTA Location and Operational Range Areas



Installation

- Installation Boundary
- Operational Area

Hydrology

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

Transportation

- Highway
- Major Road
- Local Road
- Railroad

Administrative

- County Boundary
- Urbanized Area

Data Sources:

OHARNG, 2008
ESRI, StreetMap USA, 2005

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