

**FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
ROCK FALLS INDUSTRIAL PARK TRAINING AREA
ROCK FALLS, ILLINOIS**

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ABBREVIATIONS/ACRONYMS

ARID-GEO	Army Range Inventory Database-Geodatabase
CSM	Conceptual Site Model
DoD	Department of Defense
ERT	Earth Resources Technology, Inc.
GIS	Geographic Information Service
ILARNG	Illinois Army National Guard
MCOG	Munitions Constituents of Concern
ORAP	Operational Range Assessment Program
POTO	Plans and Training Officer
TA	Training Area
U.S.	United States
USACE	United States Army Corps of Engineers

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 Rock Falls Industrial Park Training Area (TA) 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.

Rock Falls Industrial Park TA is 22.70 acres and is located within a commercial property in Whiteside County in northwestern Illinois. The training area is situated on the outskirts of the City of Rock Falls, less than one mile southeast of the city center. According to the Army Range Inventory Database-Geodatabase (ARID-GEO) from 2006, one light maneuver and training area is present at Rock Falls Industrial Park TA which encompasses the entire 22.70 acre site.

A review of available records and background data, as well as interviews with Illinois Army National Guard (ILARNG) personnel from Joint Force Headquarters – Springfield indicate that the one range at Rock Falls Industrial Park TA has not been used for training involving military munitions (live-fire or non-live-fire). Rock Falls Industrial Park TA was established as a light maneuver and training area (date unknown) and has been inactive since approximately 2000 (Personal Communication, Plans, Operations, and Training Officer [POTO], 2008). The ILARNG was unable to provide any lease agreements or documentation during the Phase I Assessment pertaining to establishment of the training site. Interviews with ILARNG personnel determined that when the site was in use, it was strictly used as a parking lot for 40 foot trailers used to transport equipment (Personal Communication, POTO / Chief Environmental Section, 2008). ARID-GEO 2006 also does not document the use of any munitions at the operational range within Rock Falls Industrial Park TA. Because training activities did not involve the use of munitions, there are no potential sources of MCOC present at the TA. Therefore, potential off-range migration pathways and potential off-range human and ecological receptors were not evaluated, and the one operational range at Rock Falls Industrial Park TA has been 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 Rock Falls Industrial Park TA

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 22.70 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.