

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

FEBRUARY 2009

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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. |

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 |



Operational Range Assessment Program
Phase I Qualitative Assessment
Rock Falls Industrial Park Training Area, IL



Figure 2-1
General Rock Falls Industrial Park Training Area
Location and Operational Range Area



Installation

- Installation Boundary
- Operational Range Area

Roads

- Interstate
- Highway
- Major Road
- Local Road

Administrative

- Urbanized Area
- County Boundary

Hydrology

- River/Stream
- Waterbody

Data Sources:
ARID-GEO, 2007
ESRI, StreetMap USA, 2005

Date:.....February 2009
Prepared By:.....ERT, Inc.
Prepared For:.....U.S. Army
Contract Number:.....W912DR-06-D-0002