



# FINAL

## Operational Range Assessment Program Phase I Qualitative Assessment Report Camp Fretterd, Maryland

U.S. Army Operational Range Assessment Program  
Qualitative Operational Range Assessments

Prepared for:

U.S. Army Environmental Command and  
U.S. Army Corps of Engineers Baltimore District



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## ABBREVIATIONS/ACRONYMS

ARID-GEO	Army Range Inventory Database-Geodatabase
CSM	Conceptual Site Model
DoD	Department of Defense
MCOG	Munitions Constituents of Concern
MDARNG	Maryland Army National Guard
ORAP	Operational Range Assessment Program
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 Camp Fretterd 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.

Camp Fretterd Military Reservation is located five miles northwest of the city of Reisterstown in Baltimore County, Maryland. In July 1989, the Maryland Army National Guard acquired the 587.21-acre site along with several structures that were previously owned by the Montrose School for Girls. The site was renamed Camp Fretterd Military Reservation on 17 May 1992 (Brooks, n.d.).

According to the 15 November 2006 Army Range Inventory Database-Geodatabase (ARID-GEO), Camp Fretterd Military Reservation contains several buildings including the headquarters for the 58<sup>th</sup> Troop Command, a medical treatment facility, an equipment maintenance compound, a troop billeting area, and administrative offices. The Maryland Emergency Management Agency also maintains an emergency response center at the installation. Camp Fretterd Military Reservation consists of eight operational ranges which were constructed between 1989 and 1992. The operational range area, which encompasses 399.02 acres, includes four maneuver training areas, a rappel training area, a two-mile trail, and two medium/heavy equipment training areas. The reservation's remaining 188.19 acres are considered non-operational (ARID-GEO, 2006).

A review of available records and background data indicated that the ranges at Camp Fretterd Military Reservation have never been used for training involving military munitions (live-fire or non-live-fire). Training currently conducted at Camp Fretterd is limited to small unit operations and 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 ranges at Camp Fretterd Military Reservation are 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 Camp Fretterd**

<b>Category</b>	<b>Total Number of Ranges and Acreage</b>	<b>Source(s)</b>	<b>Pathways(s)</b>	<b>Human and Ecological Receptors</b>	<b>Conclusions</b>
Unlikely	8 operational ranges; 399.02 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.