FINAL OPERATIONAL RANGE ASSESSMENT PROGRAM PHASE I QUALITATIVE ASSESSMENT REPORT CLINTON LOCAL TRAINING AREA CLINTON, PENNSYLVANIA

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Prepared for:

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EXECUTIVE SUMMARY

PURPOSE:

This qualitative assessment, hereinafter referred to as Phase I Assessment, evaluates Clinton Local Training Area's (LTA) operational range area 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. The Phase I Assessment results in the categorization of operational ranges as appropriate, as follows:

- Referred Refer to Appropriate Cleanup Program: Ranges with compelling evidence (e.g., sampling data) to indicate the presence of an off-range release that potentially poses an unacceptable risk to human health or the environment;
- Inconclusive Phase II Quantitative Assessment Required: Ranges where existing information either is insufficient to make a source-receptor interaction determination or indicates the potential for such interaction to be occurring; or
- Unlikely Five-Year Review¹: Ranges where, based upon a review of readily available information, there is sufficient evidence to show that there are no known releases or source-receptor interactions that could present an unacceptable risk to human health or the environment based on a review of the information available.

SUMMARY OF FINDINGS:

To facilitate the qualitative analysis MCOC sources, potential migration pathways from a range, and potential off-range human and/or ecological receptors associated with the ranges at Clinton LTA were evaluated. Each range was then placed into descriptive groups that meet the criteria for the unlikely category.

The four operational ranges at the Clinton LTA that were included in the qualitative assessment have been placed into the following category.

• **Unlikely** – Four ranges consisting of three training ranges and one small arms range totaling 154 acres.

These findings are summarized in Table ES-1.

¹ All operational ranges must be periodically re-evaluated to determine if there is a release or substantial threat of release of MCOC from an operational range to an off-range area. Range groups categorized as Unlikely are to be re-evaluated at least every five years. Re-evaluation may occur sooner if significant changes (e.g., changes in range operations, site conditions, and regulatory changes) occur that affect determinations made during the Phase I Assessment.

Table ES-1: Summary of Findings, Conclusions, and Recommendations for Clinton LTA

Category	Group Identification	Total Number of Ranges and Acreage	Source(s)	Pathway(s)	Human Receptors	Ecological Receptors	Recommendations (Future Steps)
Unlikely	Limited or no source	Four operational ranges; 154 acres	No source – limited or no military munitions use	Not evaluated	Not evaluated	Not evaluated	Re-evaluate during the five- year review. No source was identified.

ABBREVIATIONS/ACRONYMS

amsl	above mean sea level				
ARID-GEO	Army Range Inventory Database-Geodatabase				
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act				
CSM	Conceptual Site Model				
DoD	Department of Defense				
DODI	Department of Defense Instruction				
DoE	Department of Energy				
F	Fahrenheit				
H/E	Human/Ecological				
LS	Limited or No Source Munition				
LTA	Local Training Area				
MCOC	Munitions Constituents of Concern				
MGW	Munitions/Groundwater Pathway				
MPU	Migration Pathway Unlikely				
MSW	Munitions/Surface Water Pathway				
MSWGW	Munitions/Surface Water and Groundwater				
NWI	National Wetlands Inventory				
ORAP	Operational Range Assessment Program				
U.S.	United States				
USACE	United States Army Corps of Engineers				
USACHPPM	United States Army Center for Health Promotion and Preventive Medicine				
USAEC	United States Army Environmental Command				
U.S.C.	United States Code				
USEPA	United States Environmental Protection Agency				





Operational Range Phase I Qualitative Assessment Clinton LTA, PA



Figure 1-1 Installation Location

