



FINAL

Operational Range Assessment Program Phase I Qualitative Assessment Report Eagle Mountain Lake Training Site, Texas

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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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 Eagle Mountain Lake Training Site 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.

Eagle Mountain Lake Training Site encompasses 1,245 acres in Tarrant County, Texas. The training area is located approximately 20 miles northwest of Fort Worth on property owned by the State of Texas. The site contains one operational range utilized by the Texas Army National Guard (TXARNG) for light maneuver/training, and no cantonment area (Army Range Inventory Database-Geodatabase, February 2007). The land which encompasses the site has been utilized by several state, federal, and private entities since 1942, and has included a plane staging site, a fixed-wing aircraft maintenance facility, and a National Guard training facility. Currently, the facility is used approximately two times a year or less by TXARNG, due to limited acreage and lack of facilities on the site. The site is mostly used by the Boy Scouts for weekend camping activities, and cattle grazing.

A review of available records and background data, as well as an interview with TXARNG operations personnel, indicated that the range at Eagle Mountain Lake Training Site has never been used for training involving military munitions. Training currently conducted at Eagle Mountain Lake Training Site is limited to infrequent 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 range at Eagle Mountain Lake Training Site is 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 Eagle Mountain Lake Training Site

| Category | Total Number of Ranges and Acreage | Source(s) | Pathways(s) | Human and Ecological Receptors | Conclusions |
|-----------------|---|--|--------------------------------------|---------------------------------------|--|
| Unlikely | One operational range; 1,245 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

| | |
|----------|---|
| amsl | Above Mean Sea Level |
| ARID-GEO | Army Range Inventory Database-Geodatabase |
| CSM | Conceptual Site Model |
| DoD | Department of Defense |
| MCOC | Munitions Constituents of Concern |
| ORAP | Operational Range Assessment Program |
| TXARNG | Texas Army National Guard |
| U.S. | United States |
| USACE | United States Army Corps of Engineers |



Operational Range Assessment Program
Phase I Qualitative Assessment
Eagle Mountain Lake Training Site, TX

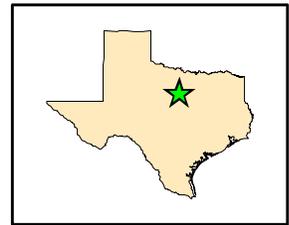
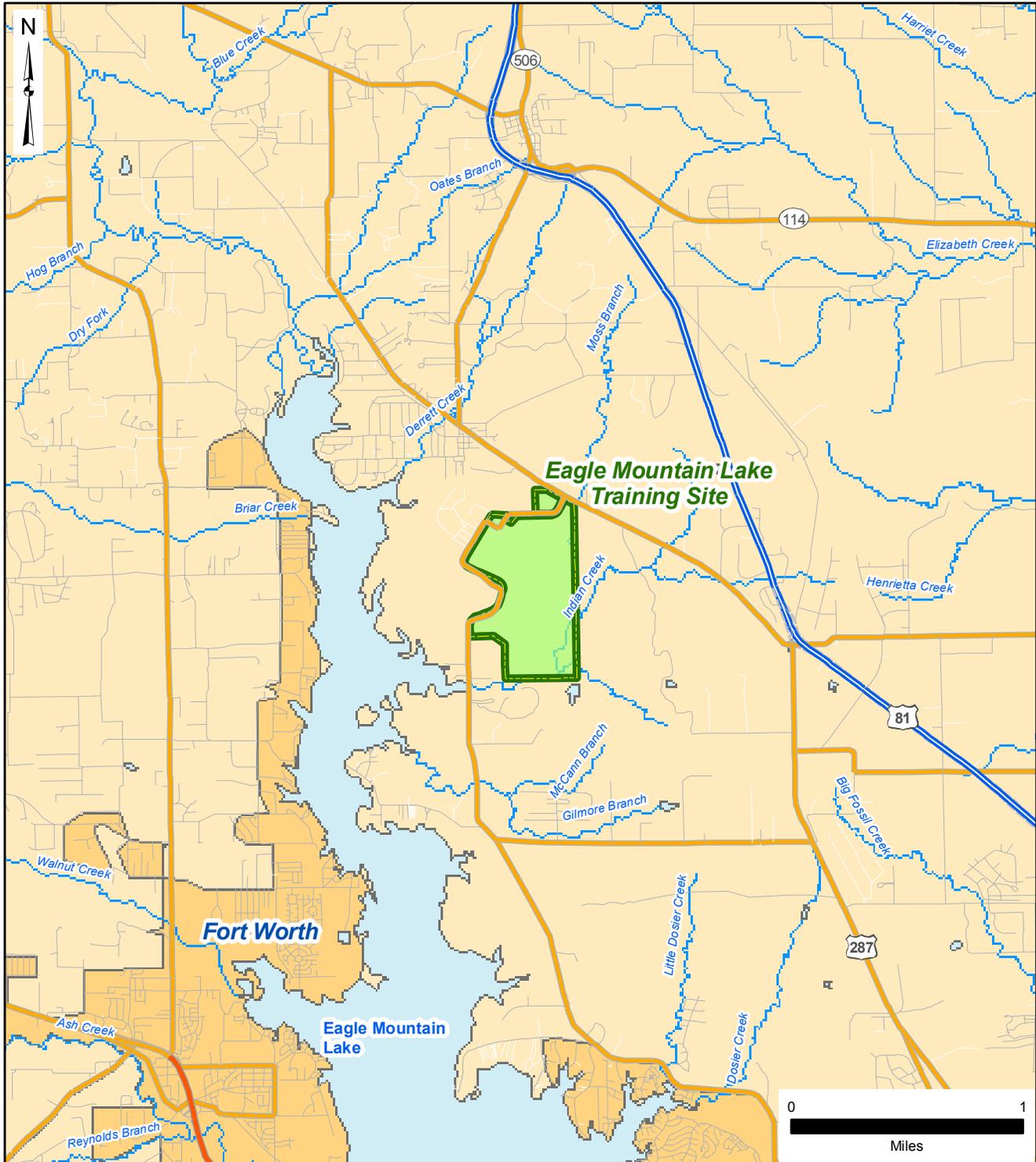


Figure 2-1
General Location of
Eagle Mountain Lake Training Site, TX



Military Range Use

- Installation Boundary
- Other Range
- Non-Operational Area

Highways

- Local Roads
- Major Road

Hydrology

- Rivers/Streams
- Waterbody

Data Sources:
ARID-GEO, June 2006
ESRI, StreetMap, 2006

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