

**FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
HAYDEN LAKE LOCAL TRAINING AREA
HAYDEN, IDAHO**

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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 Hayden Lake Local Training Area (LTA) 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.

Hayden Lake LTA, also known as Spirit Lake and Hayden Lake, will be referred to Hayden Lake LTA for the remainder of the report. Hayden Lake LTA is located in the northern panhandle of Idaho and is part of the 70th Regional Readiness Command of the Army Reserve. According to the Army Range Inventory Database-Geodatabase (ARID-GEO) (2002), Hayden Lake LTA contains one operational range totaling 611 acres. However, according to information collected during the site visit, personnel at the U.S. Army Reserve Center in Hayden, Idaho, (Hayden Reserve Center) also utilize two additional nonadjacent operational areas for training. A 65-acre range is used by the installation for training and maneuver exercises, and a small portion of the Hayden Reserve Center, is utilized for bivouac. This results in a total of three operational ranges for the Hayden Lake LTA.

The 611-acre range is located in Bonner County approximately 20 miles north-northwest of the Hayden Reserve Center. The 65-acre range is located in Kootenai County less than one mile north of the Hayden Reserve Center on Coeur d'Alene Airport property (DA, 2005). A small portion of the Hayden Reserve Center (approximately 0.6-acres) is used for bivouac.

A review of available records and background data, as well as interviews with installation personnel, indicated that the ranges at Hayden Lake LTA have never been used for training involving military munitions (live-fire or non-live-fire). Training currently conducted at Hayden Lake LTA is limited to combat engineer training and bivouac. 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 Hayden Lake LTA 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 Hayden Lake LTA

Category	Total Number of Ranges and Acreage	Source(s)	Pathways(s)	Human and Ecological Receptors	Conclusions
Unlikely	Three operational ranges; 676.6 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.

Note: The range count and range acreage presented in Table ES-1 include the acreage provided in the ARID-GEO (2002) (611 acres) and two additional non-contiguous operational areas used by the 70th RRC as part of the Hayden Lake LTA.

ABBREVIATIONS/ACRONYMS

ARID-GEO	Army Range Inventory Database-Geodatabase
CSM	Conceptual Site Model
DoD	Department of Defense
LTA	Local Training Area
MCOC	Munitions Constituents of Concern
ORAP	Operational Range Assessment Program
RRC	Regional Readiness Command
U.S.	United States
USACE	United States Army Corps of Engineers

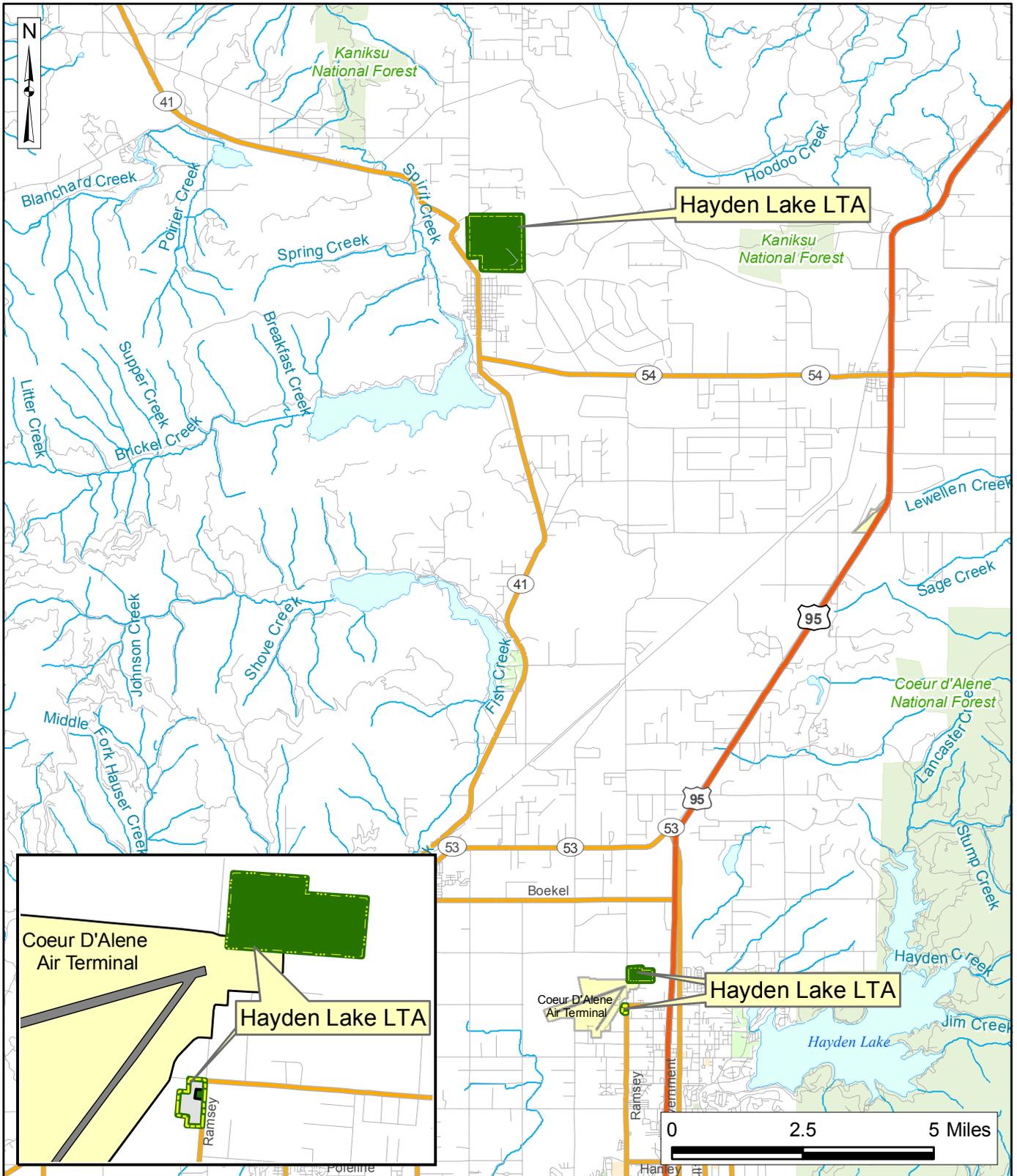


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**Operational Range Assessment Program
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**Figure 2-1
General Hayden Lake LTA Location and Operational Range Area**



Installation

- Installation Boundary
- Other than Operational Area
- Operational Area

Hydrology

- Stream
- Water Body

Transportation

- Highway
- Major Road
- Minor Road

Data Sources:
AEC, ARID-GEO, 2002
ESRI, StreetMap USA, 2005

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