

**FINAL  
OPERATIONAL RANGE ASSESSMENT PROGRAM  
PHASE I QUALITATIVE ASSESSMENT REPORT  
EDGEMEADE MOUNTAIN HOME TRAINING SITE  
BOISE, IDAHO**

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Prepared for:

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## ABBREVIATIONS/ACRONYMS

°F	Degrees Fahrenheit
amsl	Above Mean Sea Level
ARID-GEO	Army Range Inventory Database-Geodatabase
ARNG	Army National Guard
CSM	Conceptual Site Model
DoD	Department of Defense
DODI	Department of Defense Instruction
E	Ecological receptors identified. (This refers to range grouping; pathway designation always precedes E designation.)
EMO	Environmental Management Office
GIS	Geographic Information System
GW	Groundwater pathway identified. (This refers to range grouping; M designation always precedes GW designation.)
H	Human receptors identified. (This refers to range grouping; pathway designation always precedes H designation.)
IDWR	Idaho Department of Water Resources
JIC	Joint Installation Command
LS	Limited Source
M	Munitions used. (This refers to range grouping; M designation always precedes applicable pathway.)
MCOC	Munitions Constituents of Concern
NG	Nitroglycerin
ORAP	Operational Range Assessment Program
PU	Pathway unlikely or incomplete. (This refers to range grouping; M designation always precedes PU designation.)
RFMSS	Range Facility Management Support System
SW	Surface water pathway identified. (This refers to range grouping; M designation always precedes SW designation.)
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
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
WSRP	Western Snake River Plain

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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 Edgемеade Mountain Home Training Site (Edgемеade) 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.

Edgемеade encompasses approximately 149 acres in Elmore County, approximately two miles east of Mountain Home, Idaho. According to the Army Range Inventory Database-Geodatabase from 2006, one maneuver area encompassing 121 acres is present at the installation. The remaining 28 acres are considered other than operational and consist of storage, vehicle maintenance areas, and an armory.

A review of available records and background data, as well as interviews with installation personnel, indicated that the range at Edgемеade has never been used for training involving live-fire military munitions. The installation serves as a training and support facility for the Idaho Army National Guard and houses a vehicle maintenance facility and an armory. Interviews with installation personnel suggest blanks and, occasionally, pyrotechnics have been used at the installation; therefore, there are limited sources of MCOC.

The one operational range at Edgемеade is categorized as Unlikely.

### **Unlikely – Five-Year Review**

One range at Edgемеade is categorized as Unlikely, totaling 121 acres. The range is a heavy maneuver training area. 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 on ranges that could present an unacceptable risk to human health or the environment are categorized as Unlikely. 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 Edgемеade**

Category	Total Number of Ranges and Acreage	Source(s)	Pathway(s)	Human Receptors	Ecological Receptors	Conclusions and Rationale
Unlikely	One operational range; 121 acres	Limited source – only small arms blanks and minimal pyrotechnics use	Not evaluated (limited source was identified)			Re-evaluate during the five-year review. A limited source was identified.