

**FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
TWIN FALLS TRAINING SITE
TWIN FALLS COUNTY, IDAHO**

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Prepared for:

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ABBREVIATIONS/ACRONYMS

amsl	Above Mean Sea Level
ARID-GEO	Army Range Inventory Database-Geodatabase
ARNG	Army National Guard
bgs	Below Ground Surface
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
ESRP	Eastern Snake River Plain
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.)
IG	Idaho Group
LS	Limited Source
M	Munitions used. (This refers to range grouping; M designation always precedes applicable pathway.)
MCOC	Munitions Constituents of Concern
mph	Miles per Hour
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
SDZ	Surface Danger Zone
SRG	Snake River Group
SW	Surface water pathway identified. (This refers to range grouping; M designation always precedes SW designation.)
TFCC	Twin Falls Canal Company
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
°F	degrees Fahrenheit

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 Twin Falls 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.

Twin Falls Training Site occupies approximately 318 acres in south-central Idaho in Twin Falls County. Twin Falls Training Site is approximately eight miles south of Twin Falls, Idaho, and approximately two miles south of the Twin Falls Airport (Joslin Field – Magic Valley Regional Airport). The surrounding land uses include a reclaimed landfill to the west, agricultural land to the north and east, and communication towers to the south. The site is not currently utilized for military training and is undeveloped and covered with vegetation.

The Army Range Inventory Database-Geodatabase from 2006 lists two operational ranges at Twin Falls Training Site: a small arms range (known distance) that encompasses approximately five acres and a maneuver/training area (heavy forces) that encompasses 313 acres. Based on data collection and interviews with Idaho Army National Guard (ARNG) personnel, two additional ranges were identified at Twin Falls Training Site, a historical small arms range and a pistol range. The historical small arms range and the pistol range are both located within the footprint of the maneuver/training area. The historical small arms range and the pistol range were combined with the maneuver/training area for the source-pathway analysis and discussion in the Phase I Assessment. A review of available records and background data, as well as interviews with Idaho ARNG personnel, indicates that Twin Falls Training Site has limited training opportunities for units and has not been used since approximately 2000. There is no other than operational area or cantonment area at Twin Falls Training Site

The two operational ranges at Twin Falls Training Site are categorized as Unlikely.

Unlikely – Five-Year Review

Two ranges at Twin Falls Training Site are categorized as Unlikely, totaling approximately 318 acres. These ranges consist of a small arms range (known distance) and a maneuver/training area (heavy forces). 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 Twin Falls Training Site

Category	Total Number of Ranges and Acreage	Source(s)	Pathway(s)	Human Receptors	Ecological Receptors	Conclusions and Rationale
Unlikely	Two operational ranges; 318 acres	Small arms firing	No pathways identified	Not evaluated (no pathway identified)		Re-evaluate during the five-year review. No pathways were identified.