

FINAL
OPERATIONAL RANGE ASSESSMENT PROGRAM
PHASE I QUALITATIVE ASSESSMENT REPORT
BIDWELL HILL
WIGGINS, COLORADO

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Prepared for:

UNITED STATES ARMY CORPS OF ENGINEERS, BALTIMORE DISTRICT
P.O. Box 1715
Baltimore, Maryland 21203

and

UNITED STATES ARMY ENVIRONMENTAL COMMAND
Aberdeen Proving Ground, Maryland 21010

Prepared by:

MALCOLM PIRNIE, INC.
3101 Wilson Boulevard
Suite 550
Arlington, Virginia 22201



ABBREVIATIONS/ACRONYMS

ARID-GEO	Army Range Inventory Database-Geodatabase
COARNG	Colorado Army National Guard
CSM	Conceptual Site Model
DoD	Department of Defense
JFHQ-CO	Joint Force Headquarters-Colorado
MCOC	Munitions Constituents of Concern
MOU	Memorandum of Understanding
ORAP	Operational Range Assessment Program
U.S.	United States
USACE	United States Army Corps of Engineers

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 Bidwell Hill 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.

Bidwell Hill encompasses approximately 40 acres in Morgan County, Colorado, approximately three miles northwest of Hoyt, Colorado. Bidwell Hill is privately owned and is currently an open field with low weeds and newly planted grass in one-half of the area and tall grass in the other half. The Colorado Army National Guard (COARNG) entered into a memorandum of understanding (MOU) with the private landowner to utilize this area beginning in October 1995; however, no current MOU is in place. The site is identified as a miscellaneous training area at which the COARNG conducts radio relay training. Bidwell Hill has not been utilized by the COARNG for approximately three years; historical munitions use at the site by the COARNG has included the firing of small caliber blank munitions.

Training activities currently are not conducted at Bidwell Hill and historically have not involved the frequent use of military munitions; therefore, no potential sources of MCOC have been identified. Potential off-range migration pathways and potential off-range human and ecological receptors were not evaluated, and the range at Bidwell Hill is 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 Bidwell Hill

Category	Total Number of Ranges and Acreage	Source(s)	Pathway(s)	Human and Ecological Receptors	Conclusions
Unlikely	One operational range; 39.73 acres	No source—no current or frequent historical use of live-fire military munitions	Not evaluated (no source identified)		Re-evaluate during the five-year review.