Final
Operational Range Assessment Program
Phase I Qualitative Assessment Report
Camp Bunn Training Area
Hettick, Illinois

March 2009

Prepared for:

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and

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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 Camp Bunn Training Area (TA) 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.

According to the Army Range Inventory Database-Geodatabase (2006), Camp Bunn TA consists of one operational range (light training and maneuver area), which encompasses approximately 640.94 acres in Macoupin County, Illinois. Privately owned, the installation is located approximately one-half mile northwest of Hettick, Illinois.

Light maneuver training activities are conducted at Camp Bunn TA. A review of available records and background data, as well as interviews with Illinois Army National Guard personnel, indicates that training activities at Camp Bunn TA do not involve, and historically have not involved, the use of military munitions except for small caliber blanks. Small caliber blanks contain no projectile and are not considered to be a source of MCOC. Potential sources of MCOC were not identified at Camp Bunn TA; therefore, potential off-range migration pathways and potential off-range human and ecological receptors were not evaluated. The training and maneuver area at Camp Bunn TA 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>
<thead>
<tr>
<th>Category</th>
<th>Total Number of Ranges and Acreage</th>
<th>Source(s)</th>
<th>Pathway(s)</th>
<th>Human and Ecological Receptors</th>
<th>Conclusions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unlikely</td>
<td>One operational range; 640.94 acres</td>
<td>No source—no current or historical use of live-fire military munitions</td>
<td>Not evaluated (no source identified)</td>
<td></td>
<td>Re-evaluate during the five-year review.</td>
</tr>
</tbody>
</table>

Table ES-1: Summary of Findings and Conclusions for Camp Bunn TA
ABBREVIATIONS/ACRONYMS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>ARID-GEO</td>
<td>Army Range Inventory Database-Geodatabase</td>
</tr>
<tr>
<td>CSM</td>
<td>Conceptual Site Model</td>
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<tr>
<td>DoD</td>
<td>Department of Defense</td>
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<tr>
<td>GIS</td>
<td>Geographic Information System</td>
</tr>
<tr>
<td>ILARNG</td>
<td>Illinois Army National Guard</td>
</tr>
<tr>
<td>JFHQ-IL</td>
<td>Joint Force Headquarters-Illinois</td>
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<tr>
<td>MCOC</td>
<td>Munitions Constituents of Concern</td>
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<td>ORAP</td>
<td>Operational Range Assessment Program</td>
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<tr>
<td>TA</td>
<td>Training Area</td>
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<tr>
<td>U.S.</td>
<td>United States</td>
</tr>
<tr>
<td>USACE</td>
<td>United States Army Corps of Engineers</td>
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</tbody>
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Figure 2-1
Camp Bunn TA Location and Operational Range Area

Operational Range Assessment Program
Phase I Qualitative Assessment
Camp Bunn TA, IL

Data Sources:
AEC, ARID-GEO, 2006
ESRI, StreetMap USA, 2005

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