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Prepared for:

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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 Paisley 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.

Paisley LTA covers approximately 11,300 acres in Lake County, Florida. It is located approximately one-quarter of a mile northwest of Paisley, Florida, in the southeastern corner of the Ocala National Forest. The United States Department of Agriculture (USDA) Forest Service owns the site and the surrounding undeveloped land. The site has been utilized by the Florida Army National Guard (FLARNG) since the 1950s through land use agreements with the USDA Forest Service. According to the Army Range Inventory Database-Geodatabase (ARID-GEO, 2005), the site consists of a single operational range used as a light infantry maneuver area. The site is utilized by the 2nd Battalion, 124th Infantry Regiment.

A review of available records and background data, as well as interviews with USDA Forest Service and FLARNG personnel, indicated that the range at Paisley LTA has not been used for training involving live-fire military munitions. Training currently conducted at Paisley LTA is limited to simulated light infantry squad and platoon attack and defense scenarios using blank ammunition. The FLARNG typically trains at the site no more than five weekends per year. Historically (pre-1998), training activities involved the occasional use of pyrotechnics and/or smoke grenades; however, the FLARNG was required to remove munitions debris at the conclusion of training events.

Unlikely – Five-Year Review

The single operational range at Paisley LTA is categorized as Unlikely, totaling 11,300 acres. This range is a light infantry maneuver area. Because historical training activities involved a limited source of military munitions, which were collected and removed at the conclusion of training exercises, and current activities involve only the use of small caliber blanks, which are collected and removed, there are very limited potential sources of MCOC. 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 range 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 Paisley LTA

<table>
<thead>
<tr>
<th>Category</th>
<th>Total Number of Ranges and Acreage</th>
<th>Source(s)</th>
<th>Pathway(s)</th>
<th>Human Receptors</th>
<th>Ecological Receptors</th>
<th>Conclusions and Rationale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unlikely</td>
<td>One operational range; 11,300 acres</td>
<td>Limited source – no current or historical use of live-fire military munitions; limited use of small caliber blanks; limited historical use of pyrotechnics and smoke grenades</td>
<td>Not evaluated (limited source was identified)</td>
<td></td>
<td></td>
<td>Re-evaluate during the five-year review. Limited source was identified.</td>
</tr>
</tbody>
</table>
### ABBREVIATIONS/ACRONYMS

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARID-GEO</td>
<td>Army Range Inventory Database - Geodatabase</td>
</tr>
<tr>
<td>ARNG</td>
<td>Army National Guard</td>
</tr>
<tr>
<td>bgs</td>
<td>Below Ground Surface</td>
</tr>
<tr>
<td>ATV</td>
<td>All-Terrain Vehicle</td>
</tr>
<tr>
<td>CERCLA</td>
<td>Comprehensive Environmental Response, Compensation, and Liability Act</td>
</tr>
<tr>
<td>CSM</td>
<td>Conceptual Site Model</td>
</tr>
<tr>
<td>DoD</td>
<td>Department of Defense</td>
</tr>
<tr>
<td>DODI</td>
<td>Department of Defense Instruction</td>
</tr>
<tr>
<td>E</td>
<td>Ecological receptors identified. (This refers to range grouping; pathway designation always precedes E designation.)</td>
</tr>
<tr>
<td>FDEP</td>
<td>Florida Department of Environmental Protection</td>
</tr>
<tr>
<td>FDOH</td>
<td>Florida Department of Health</td>
</tr>
<tr>
<td>FGDL</td>
<td>Florida Geographic Data Library</td>
</tr>
<tr>
<td>FLARNG</td>
<td>Florida Army National Guard</td>
</tr>
<tr>
<td>FNAI</td>
<td>Florida Natural Areas Inventory</td>
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<tr>
<td>GIS</td>
<td>Geographic Information System</td>
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<tr>
<td>GW</td>
<td>Groundwater pathway identified. (This refers to range grouping; M designation always precedes GW designation.)</td>
</tr>
<tr>
<td>H</td>
<td>Human receptors identified. (This refers to range grouping; pathway designation always precedes H designation.)</td>
</tr>
<tr>
<td>H/E</td>
<td>Human / Ecological</td>
</tr>
<tr>
<td>LS</td>
<td>Limited Source</td>
</tr>
<tr>
<td>LTA</td>
<td>Local Training Area</td>
</tr>
<tr>
<td>M</td>
<td>Munitions used. (This refers to range grouping; M designation always precedes applicable pathway.)</td>
</tr>
<tr>
<td>MCOC</td>
<td>Munitions Constituents of Concern</td>
</tr>
<tr>
<td>MGW</td>
<td>Munitions / Groundwater</td>
</tr>
<tr>
<td>MPU</td>
<td>Migration Pathway Unlikely</td>
</tr>
<tr>
<td>msl</td>
<td>Mean Sea Level</td>
</tr>
<tr>
<td>MSW</td>
<td>Munitions / Surface Water</td>
</tr>
<tr>
<td>MSWGW</td>
<td>Munitions / Surface Water and Groundwater</td>
</tr>
<tr>
<td>NWI</td>
<td>National Wetlands Inventory</td>
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<tr>
<td>ORAP</td>
<td>Operational Range Assessment Program</td>
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<tr>
<td>PU</td>
<td>Pathway unlikely or incomplete. (This refers to range grouping; M designation always precedes PU designation.)</td>
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<tr>
<td>PWS</td>
<td>Public Water Supply</td>
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<tr>
<td>RFE</td>
<td>Robert F. Ensslin</td>
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<tr>
<td>SSC</td>
<td>Species of Special Concern</td>
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<td>SJRWMD</td>
<td>St. Johns River Water Management District</td>
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<tr>
<td>SW</td>
<td>Surface water pathway identified. (This refers to range grouping; M designation always precedes SW designation.)</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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<tr>
<td>USACHPPM</td>
<td>United States Army Center for Health Promotion and Preventive Medicine</td>
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<tr>
<td>USDA</td>
<td>United States Department of Agriculture</td>
</tr>
<tr>
<td>Acronym</td>
<td>Description</td>
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<td>---------</td>
<td>----------------------------------</td>
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<tr>
<td>USEPA</td>
<td>United States Environmental Protection Agency</td>
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<tr>
<td>WSRP</td>
<td>Water Supply Restoration Program</td>
</tr>
<tr>
<td>°F</td>
<td>Degrees Fahrenheit</td>
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</table>