

DERP-FUDS MMRP PROJECT NO. F10OR002908 - Live Grenade Courts

PROJECT DESCRIPTION

This project is being revised to be consistent with current Headquarters U.S. Army Corps of Engineers (HQUSACE) guidance, Implementation Guidance for Formerly Used Defense Sites (FUDS) Military Munitions Response Program (MMRP) Project Realignment, dated 13 August 2007 and in accordance with the recommendations contained in the June 2007 Site Inspection (SI) Report and the MMRP Project Realignment and Delineation Form. Although the description of this project is now being limited to a specific geographic area, the integrity of the original scope will be maintained by the combination of all MMRP project scopes included in this revised Inventory Project Report (INPR). Project 08 addresses the Live Grenade Courts.

The Live Grenade Courts Munitions Response Site (MRS) is comprised of 75 acres and includes three noncontiguous former hand grenade courts known as the East Live Hand Grenade Court, Live Hand Grenade Court No. 129, and the West Live Hand Grenade Court. These training ranges were used to provide realism, familiarity, and confidence to soldiers in the use of live explosive fragmentation grenades. Munitions associated with this MRS include both high explosive filled grenades and practice grenades, i.e. the MkII fragmentation hand grenade and the M21 practice hand grenade. Based on historical evidence, as documented in the Archive Search Report (ASR), munitions and explosives of concern (MEC) have been reported at the Live Hand Grenade Court No. 129 and the West Live Hand Grenade Court. No MEC has been reported at the East Live Hand Grenade Court. However, based on similar historical uses there is a similar risk for MEC. Potential contaminants include cast iron, trinitrotoluene (TNT), and smokeless powder. Land associated with East and West Court is farmed (agricultural), while the Court No. 129 is within the boundaries of an active Christmas tree farm.

During the SI field work, two sediment and three soil samples were collected. Analytical results were compared to site background values. No groundwater or surface water samples were collected. SI sampling results for munitions constituents (MC) show that concentrations of metals in sediment and soil are low and below both human health and ecological screening values. There were no detections of explosives in sediment or soil samples

PROPOSED ACTIVITIES

Based on historical evidence and the Site Inspection field activities conducted, further investigation of the Live Grenade Courts MRS is warranted for MEC. No further investigation is warranted for MC.