



June 12, 2025

Fact Sheet:  
Military Munitions Response Program  
Remedial Investigation/Feasibility Study  
For Mount Gretna Range Munitions Response Site  
Mount Gretna, Pennsylvania

## Mount Gretna Range Munitions Response Site Background

The Mount Gretna Training Camp Artillery Range Munitions Response Site (MRS) current boundary consists of largely undeveloped forested land, which is being used by The Pennsylvania Game Commission for recreation. The Conewago Creek traverses through the MRS. The MRS is a Compliance-related Cleanup Munitions Response site with the Army National Guard as the lead agency.

The MRS was used by the Pennsylvania Army National Guard for small arms and artillery training between 1885 and 1941 (estimated). Potential munitions that may be present at the MRS include: 3-inch Stokes mortars, 37-millimeter (mm) projectiles, 60mm mortars, and 75mm projectiles. Previous environmental studies at the range included the following activities:

- 2012 – Site inspection was completed. Based on the results of the site inspection, the MRS was divided to separate the east-west range from the north-south range and the acreage was revised to 181 acres. The MRS was recommended to proceed to the remedial investigation phase to assess munitions and explosives of concern and MC.
- 2017 – Remedial investigation was conducted to characterize the nature and extent of munitions and explosives of concern and munitions constituents (substances and chemicals associated with munitions). Based on the results of the remedial investigation field activities, it was recommended that 78.7 acres of the MRS continue through to a remedial action and 114.4 acres be considered for No Further Action.
- 2020 - A remedial action commenced in 2020 based on the signed 2018 Decision Document. However, this action was halted due to findings of additional munition types both inside and outside of the remedial action boundary. An expanded RI was recommended to characterize the MRS completely.
- 2024 – The expanded remedial investigation was conducted on the revised boundary of 357-acres. During this investigation, munitions and explosives of concern and munitions debris were found along the current MRS boundary. Therefore, it was determined that additional step-out sampling was necessary to fully delineate the lateral extent of munitions and explosives of concern.



## Highlights of the Remedial Investigation Step-Out Sampling

The figure provided in this fact sheet shows the existing MRS boundary with the expanded step-out sampling that started in June 2025. This includes land associated with State Game Land 145, as well as property that is part of the Clarence Schock Memorial Park.

A summary of the technical approach of the remedial investigation step-out sampling includes the following three separate phases of field activities:

- **Phase 1** – Transects placed approximately 250 feet apart thought all areas included in the step out sampling will be walked with geophysical equipment to map any areas of metallic response. To facilitate the passage of the equipment and operators, vegetation reduction will be conducted along the transects, leaving any trees greater than 3 inches in diameter and not cutting any vegetation lower than 6 inches above the ground surface. This work begins June 2025 and will be completed in approximately 4 weeks. After demobilization from the site to process date, the field team will come back to the MRS to complete phase 2 activities.
- **Phase 2** – In areas of elevated metallic responses, forty-one grids (approximately will be placed that will be traversed with geophysical equipment to develop a target dig list. Similar to Phase 1, vegetation reduction will be conducted within these grids to facilitate safe operations and allow for full mapping of each grid. This work is expected to occur in Fall 2025 and take approximately 1 month to complete.
- **Phase 3** – Unexploded ordnance (UXO) technicians will dig on the target locations to determine the sources of metallic response. Soil samples will be collected based on the results of the investigation and samples for explosives and select metals associated with munitions and explosives of concern. This phase of work will take approximately 3 weeks; the timeframe of this work is to be determined to ensure there are no impacts to local hunting seasons.

Any item suspected to be munitions and explosives of concern will be blown in place or consolidated with other material potentially presenting an explosive hazard for on-site detonation. The material documented as safe will be combined, certified as explosive-free, and disposed off-site for recycling.



Geophysical data collection with EM61

### Project Information Repositories

All documents prepared for this site are available at the following locations:

Pennsylvania Army National Guard  
Fort Indiantown Gap, Bldg 0-11  
Annville, PA 17003

[Mt. Gretna Training Camp Artillery  
Range West Munitions Response Site |  
Department of Military and Veterans  
Affairs | Commonwealth of  
Pennsylvania](#)

Annville Free Library 216 East Main  
Street Annville, PA 17003



**Recognize.** Understand you may have encountered a munition.

**Retreat.** Do not touch, move, or disturb it; but carefully leave the area.

**Report.** Immediately notify the police. Call 911 and report the location and description of the item. When possible, provide its estimated size, shape, and any visible markings, including coloring.

### For More Information

For more information regarding the Mount Gretna Training Camp Artillery Range West MRS and remedial investigation and feasibility study process, please contact:

Public Affairs Office  
Pennsylvania Army National Guard  
Fort Indiantown Gap, Bldg. 8-41  
Annville, PA 17003

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