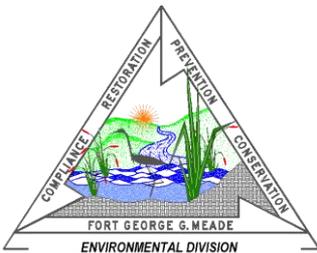




# Fort George G. Meade Former Mortar Range

## Post Remedial Action Status Update

## Restoration Advisory Board Meeting September 19, 2013



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# Agenda



- Overview of CERCLA Process Status
- Pre-Remedial Action Implementation Activities (Small Arms Casing Pit Removal)
- Land Use Controls (LUCs) / Remedial Action Implementation
- Remedial Action Report Schedule
- Long Term Management Schedule



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# Status of CERCLA Process



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- ✓ Remedial Investigation
- ✓ Feasibility Study
- ✓ Proposed Plan
- ✓ Record of Decision
- ✓ Remedial Action
- *Remedial Action Report (RAR)*
- Long-Term Management (LTM)

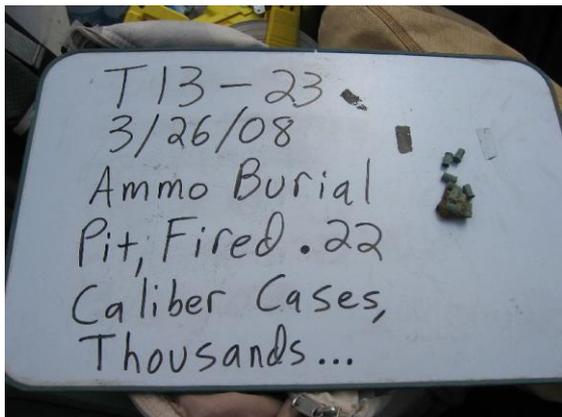
✓ = Complete | ○ = In Progress | □ = Future





# Pre-Remedial Action Implementation Activities

## Small Arms Casing Pit Removal



### Original Conditions / Background—March 2008

- A pit of spent small arms casings was uncovered during the RI field investigation
- No MEC\* was observed and items were left in place (no hazard)
- Pit Coordinates: 1382800.3° E 522640.2° N (MD State Plane NAD83)
- Pit Elevation: Surface = 179' AMSL Pit Depth = 174 AMSL (Approximate)
- Pit Size: 6'x6' and 4' deep (Approximate)

\* MEC: Munitions and Explosives of Concern



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# Pre-Remedial Action Implementation Activities Small Arms Casing Pit Removal



Spent Casing P

Zimbor'ski Ave

Mapes Rd

Taylor Ave

© 2013 Google

Google earth

1993

Imagery Date: 8/29/2010 39°06'04.93" N 76°45'09.66" W elev 183 ft eye alt 1800 ft



# Pre-Remedial Action Implementation Activities Small Arms Casing Pit Removal



Looking East toward Zimborski Ave



Looking West toward Taylor Ave

## Current Conditions

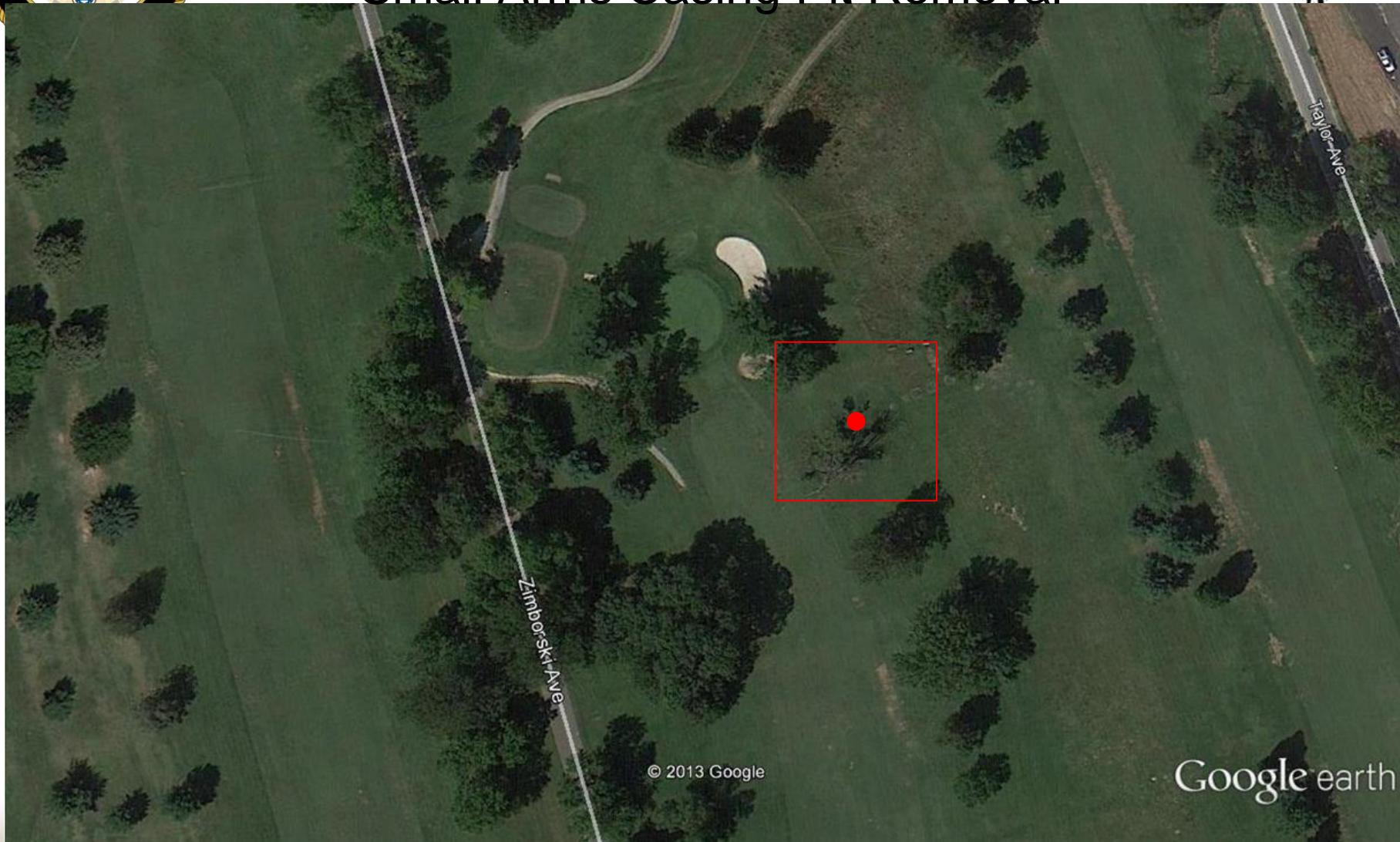
- The former Mortar Range (Golf Course) is currently an active construction site and has undergone significant grading/earthwork.
- The depth of disturbance during grading/earthwork is unknown
- The current elevation in the location of the pit is 176.5' AMSL (previously 179' AMSL)



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# Pre-Remedial Action Implementation Activities Small Arms Casing Pit Removal





# Pre-Remedial Action Implementation Activities Small Arms Casing Pit Removal

## Excavation Observations and Conclusions

- On 16 July 2013 the area was excavated (7 pits) and the following observations were made:
  - An abandoned irrigation pipe and broken pieces of iron pipe were observed in the excavation at a depth of 3' bgs (173.5' AMSL)
  - No small arms casings were observed
- The significant grading/earthwork that has occurred possibly spread the small arms casing across a wide area or removed them
- Attempts to remove the casings are now complete



# LUCs\* Remedy Implemented



- All of the elements of the LUCs Remedy have been implemented including the following:
  - Educational materials (factsheet/educational presentation)
  - Fort Meade's Installation GIS has been updated to include Munitions Response Site / Munitions Response Area boundaries and data
  - Text has been finalized for inclusion in the next Master Plan
  - Dig permit language was updated to include pre-excavation soil clearance requirements
  - Sign installation
    - Signs were located at the likely points of egress of undeveloped areas
    - 16 signs installed on Fort Meade and NSA

\*LUCs: Land Use Controls



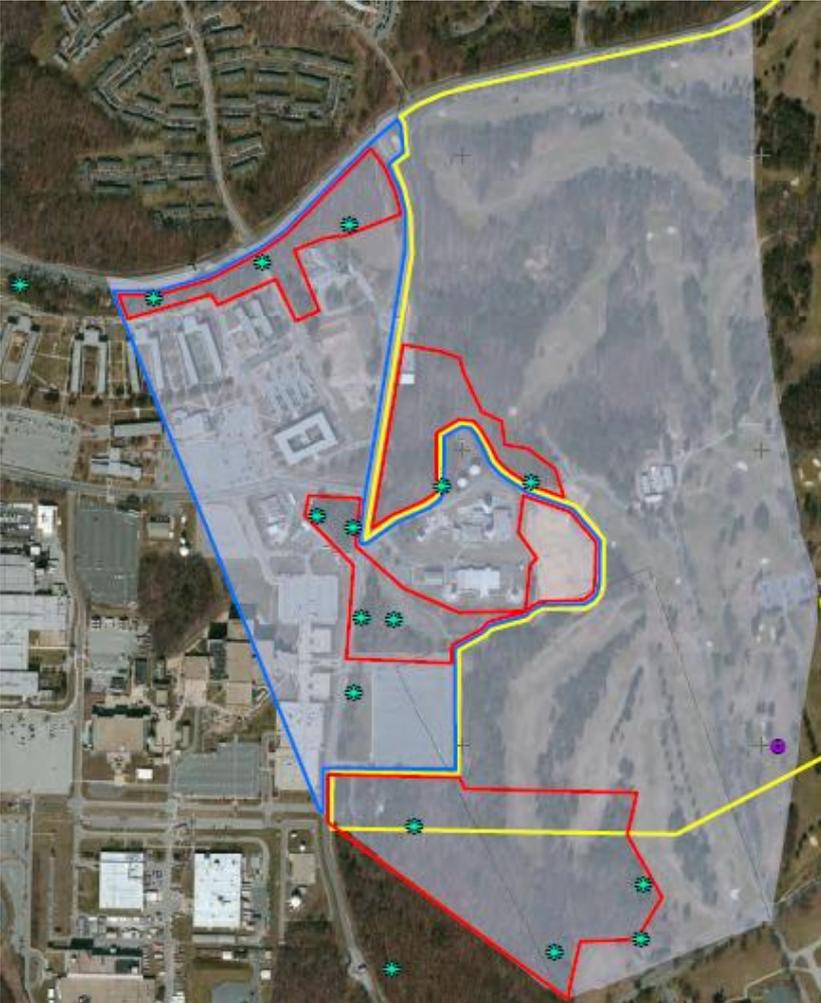
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# Remedy Implementation Completed Sign Installation



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# RAR & LTM Approximate Schedule



- Draft Remedial Action Report September 2013
- Draft Final Remedial Action Report December 2013
- Final Remedial Action Report January 2014
- Long Term Management - Annual Site Inspections begin 2014
- CERCLA 5-Year Reviews of LUCs begins 2017



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Questions?





# Points of Contact



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