

Non Time-Critical Removal Action Former Erie Army Depot Community Meeting

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EOTI – Project Manager

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US Army Corps of Engineers
BUILDING STRONG®



Project Collaboration

- ARES, Inc.
- Carroll Township
- Erie Business Park
- Ohio Army National Guard, Camp Perry
- Ohio Department of Natural Resources
- Ohio Environmental Protection Agency
- Ottawa National Wildlife Refuge
- Toussaint Gun Club
- U.S. Army Corps of Engineers
 - ▶ Buffalo District
 - ▶ Huntsville Engineering and Support Center
- U.S. Coast Guard
- U.S. Fish and Wildlife Service



ACRONYMS

- MC – Munitions Constituent
- MEC – Munitions and Explosives of Concern:
 - ▶ Includes
 - Unexploded Ordnance (UXO),
 - Discarded Military Munitions (DMM), and
 - Munitions Constituents (MC)
- MPPEH – Material Potentially Presenting An Explosive Hazard
- TPP – Technical Project Planning
- PWS – Performance Work Statement



Former Erie Army Depot

- From 1918 to 1967
 - ▶ Used for weapons systems acceptance testing by firing inert projectiles and live explosives into Lake Erie.
- Since 1966
 - ▶ Private property owned by:
 - Toussaint Gun Club,
 - Erie Industrial Park,
 - ARES Corporation, and
 - Davis Besse Nuclear Power Plant of Toledo Edison.



Munitions Previously Located at the Site

155mm, M107
20 lb Frag Bomb, M41
4.2" Mortar M3A1
81mm Mortar, M56
M56 PD Fuze
Mk 27 PD Fuze
Unknown Base Fuze
20mm
20mm HEI
4.5" Rocket, M8
75mm HE, M48
M58 Base Fuze
37mm, M63

90mm HE-T M1BG
155mm, M107
75mm, M48
25mm M792
105mm HEAT, M456
105mm HEP M393
81mm, M43
105mm, M1
90mm, M71
37mm, M54
40mm, MK2
106mm, HEAT, M344
60mm, M49







U.S. Projectile, 40mm, AA, HEI-P, MK 2

 Diameter/Width	 Length	 Weight
1.57 inch	7.08 inch	Not Available
Explosive Information:		
Explosive/Filler Type	Net Explosive/Filler Weight	
TNT	88.00 g	



U.S. Projectile, 60MM, HE, M49A2 & M49A3 (M49A2E1)

 Diameter/Width	 Length	 Weight
2.36 inch	7.20 inch	3.11 lbs
Explosive/Filler Type Composition B	Net Explosive/Filler Weight 190.00 g	



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U.S. Cartridge, 106mm, Heat, M344

Measurement Information:

 Diameter/Width	 Length	 Weight
4.13 inch	28.11 inch	17.64 lbs

Explosive Information:

Explosive/Filler Type	Net Explosive/Filler Weight
Composition B	1.30



Current Project Objective

The objective of this task order is to conduct periodic surface clearances of the Beach Area at the Former Erie Army Depot under Economy Act Authority and funded through the Office of Economic Adjustment (2008 funds).



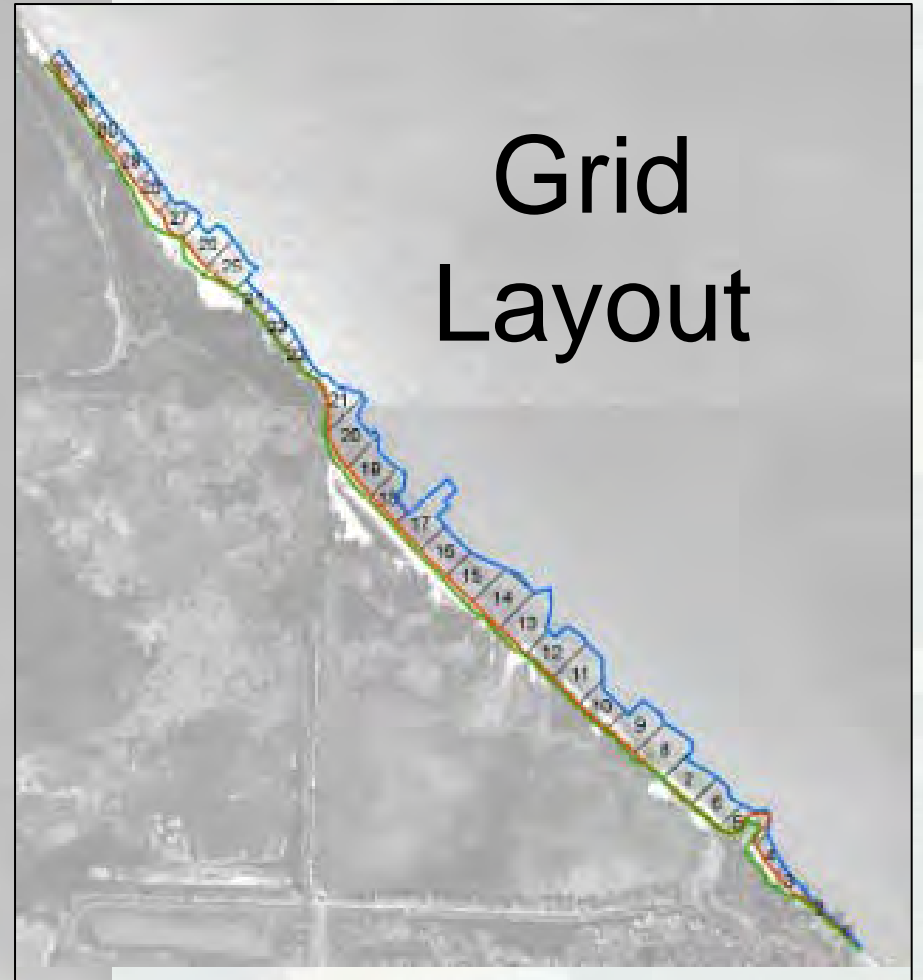
■ Anomaly Detection

- ▶ This instrument assisted surface clearance will be conducted using Schonstedt magnetic locators.
 - When used to detect underwater anomalies, the electronics unit will be sealed in plastic and remain out of the water.



- This clearance will include the beach area below the vegetation line and extending into the water to a depth of three feet, up to 400 feet from the nominal low water level.





ENVIRONMENTAL SAMPLING AND CHEMICAL ANALYSIS

- Pre- and post-demolition soil samples will be collected
 - ▶ Analyzed for explosives and metals.



Destruction / Disposal

- Demolition will generally occur on Thursday afternoons
 - ▶ and if necessary the last day of field activities.
- Public will be notified through local media outlets
 - ▶ Regarding progress, and
 - ▶ disposal schedule.
- Will be coordinated with:
 - ▶ Corps' Huntsville Engineering and Support Center On-Site Safety Specialist,
 - ▶ Local Law Enforcement,
 - ▶ Camp Perry Range Control,
 - ▶ ARES, Incorporated, and
 - ▶ Davis Besse Power Plant.



Project Schedule

- October 5 – November 5: Field Activities
 - ▶ Monday through Thursday, 10 Hour Days
 - If weather delays occur, field activities may take place on Fridays.
- Thursday Afternoons:
 - ▶ Demolition will generally occur on Thursday afternoons,
 - and the last day of field activities.



Remember the 3Rs

- **Recognize**

- ▶ Recognize the munition.

- Remember that they can be very dangerous.
 - Use caution.
 - Do not disturb the item.
 - ▷ Leave it alone and do not touch it.
 - Sometimes not readily identifiable.
 - ▷ May appear to be any other metallic or rusty item.



Remember the 3Rs

- **Retreat**

- ▶ Retreat from the munition.

- Mark the area with a small item.

- ▷ Such as a hat or pen.

- ▷ Immediately walk away on the same path you came in on.

- Do not run.



Remember the 3Rs

- **Report**

- ▶ Report the munition and its location.
 - Dial 911.

