

ORDNANCE & EXPLOSIVES DIRECTORATE - HUNTSVILLE

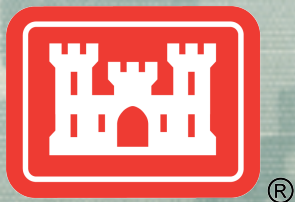
Bill Sargent

Chief, Military Munitions Design Center

Ordnance and Explosives Directorate

US Army Engineering and Support
Center, Huntsville

19 December 2013



US Army Corps of Engineers
BUILDING STRONG[®]



Our Munitions Objective

- Support DoD and US Government Agency operations worldwide with qualified and responsive munitions and environmental support
- Support the Warfighter
- Rapid response
- Expeditionary mindset
- Independent operation capability to include security, logistics, and life support

Camp Mac, Bagram AF, Afghanistan



OE Directorate Makeup

- Conventional OE Design Center
 - ▶ Conventional Munitions
 - ▶ International Operations
 - ▶ Demil
 - ▶ Range Support
- Chemical Warfare Material Design Center
- Missile Defense Agency Support
- OE Safety group split between the two design centers
- Matrix in support from HNC Engineering and Louisville District



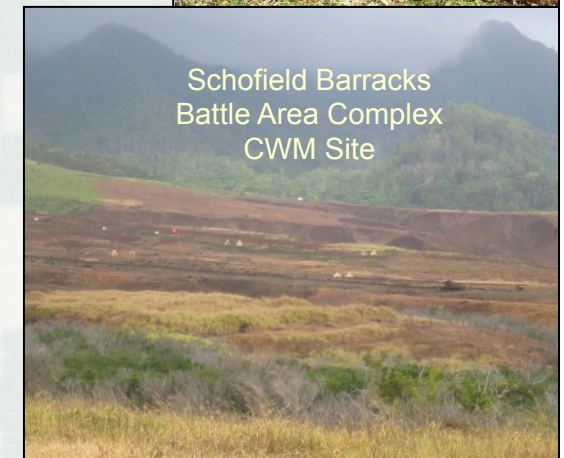
Ordnance Directorate Missions

- Formerly Used Defense Sites (FUDS)
- Base Realignment and Closure (BRAC)
- Installation Restoration Program (IRP)
- Chemical Warfare Material Responses
- Range Support
- Munitions Demilitarization
- International/Contingency Operations Support
- Missile Defense Agency Support
- Environmental PM Support



Chemical Warfare Materiel Division

- Function as the Single Executing Agency for Chemical Warfare Materiel (CWM) for DoD
- Serve as the Advisor to Assistant Secretary of the Army for Installations, Environment, and Energy for Execution Policy for CWM Issues



Engineering Capabilities

- Contaminated site characterization
- Environmental/hazardous material remediation
- Explosives safety site planning
- Chemical hazard analysis
- Geophysical mapping and investigations
- Explosive safety and blast effects
- Hazardous chemical, industrial and process facility design



Combined Support Center

- Aligned with the Louisville District for project, project management and engineering support
- Current actions involve matrixing in selected critical skills to PDT's and utilizing LRL personnel for OCONUS operations
- Future intent is to fully integrate support teams and leverage our specific skills to support our customers









Contracts

- Worldwide Ordnance and Environmental Remediation Contract (WERS)
 - ▶ Logistics, Security, Life Support
 - ▶ IDIQ with \$1.4B capacity
 - ▶ Fixed Price and Cost Plus
 - ▶ 15 Contractors
 - ▶ Large and Small Business
 - ▶ To date, \$259.4M WERS capacity has been transferred to Corps Div/Dist
- Robotics
 - ▶ \$40M
 - ▶ Awarded July 2013, Environmental Chemical Corporation (ECC)



Customers/Programs

- MILCON Support – HQDA G3/5/7, IMCOM, National Guard Bureau and Corps Districts
 - ▶ Range Survey, Removal Design, Removal Action, Construction Support
- Range Support – Forts Benning, Campbell, Bragg, Polk
- FUDS – SAD, SWD, POD, NAD, LRD, NWD
- Non-DOD Non-Operational Range Inventory – AEC
- Active Installation Remedial Investigations – AEC
- Missile Defense Agency – Corps liaison and funding channel for facility design and construction



Customers/Programs

- Contingency Operations Support – USFOR-A Mine Action Center Bagram Air Field, Joint Operations Corps J4, USFOR-A JENG, NAVAIR
- Department of State, Overseas Building Operations – US Embassy Beirut, Lebanon
- Non-Contingency Operations Mine Clearance – Training Support Activity Korea (Story Training Area, Korea)
- Conventional Demil – Aviation Missile Command, Picatinny Arsenal, Joint Munitions Command



FUTURE

- Continue support to Divisions/Districts
- Robotics
- Munitions demil expansion
- Prepare for next contingency operation
- Protocol V range clearance in Afghanistan
- Continue to promote the Corps and the M2S2 community of expertise





QUESTIONS?