



Chemical Warfare Materiel (CWM) Sampling

Chemical warfare materiel (CWM) are chemical munitions and chemical agents in non-munitions configurations that were expended during live-fire, training or testing and are known or suspected to be present at a site. Such CWM is not part of DoD's stockpile demilitarization program.

CWM sites are located on Army active installations, Base Realignment and Closure (BRAC) sites, and Formally Used Defense Sites (FUDS). Only recently has technology become available for both the safe identification and onsite destruction of CWM.

USA successfully completed CWM projects as a prime contractor at Harmony Church, Ft. Benning, GA and Former Chemical Warfare Service Field Trials Site and Air to Ground Bombing Range, Withlacoochee, FL.

USA also provided CWM support as a subcontractor at multiple sites including Chanute AFB, IL; Lowry Jeep Training Area, CO; Former Camp Crowder, MO; Former Camp Sibert, AL; Brooksville Army Airfield, FL; Fort Segarra, Virgin Islands; and participated in pre-operational evaluations and inspections for final approval to commence intrusive investigations.

Soil Sampling

- Team members take soil samples following approved protocol
- Samples are then sent to an approved and certified laboratory
- Results of the soil samples are maintained for reporting purposes and inclusion in Final Reports.

Work Party

- Downrange Team arrives at an investigation site to begin operations and performs excavations of suspect anomalies
- Results of excavations are photographed and documented for data entry
- Chemical, Biological, Radiological, Nuclear, and Explosives PPE includes Occupational Safety and Health Administration OSHA Levels A - D (modified).

Interim Holding Facility (IHF)

- The IHF is a secure facility designed to hold CWM
- The IHF is placed in a sited location and has security fencing with placards and warning signs posted
- Additional security measures may include security guards, alarms, cameras, etc.



*Soil sampling team
collecting samples for testing*



Downrange team members starting operations



*Interim holding facility grounded
and placed behind security fencing*