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Chemical Warfare Materiel PWS Overview

Charles Twing,
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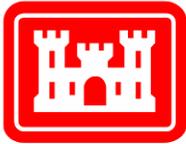


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Introduction to CWM



- Corps of Engineers Mission
 - Project execution
 - Funding
- Engineering and Support Center, Huntsville (USAESCH) role & responsibilities.
 - OE Directorate
 - Chemical Warfare and Conventional Design Centers (i.e. Project Execution)

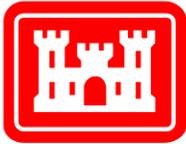


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Introduction to CWM



- Chemical Warfare Materiel (CWM) is generally Chemical agents, chemical weapons, or other substances or material contaminated with chemical agents.
- There are many variations of what constitutes CWM and Hazardous and Toxic Waste.
- All are in general the responsibility of USAESCH.



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Corps of Engineers Mission



- Defense Environmental Restoration Program
- Established by Army Regulation (AR 385-61); “The Army Chemical Agent Safety Program” .
- Administered Through the ASA I&E and DASA (ESOH)



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USAESCH Mission



- USAESCH will:
 - Primary liaison with the Research Development Engineering Command (RDECOM) and the 20th Support Command
 - Prepare Downwind Hazard Methodology
 - Prepare Maximum Credible Event (MCE)
 - Coordinate Preparation of CSS



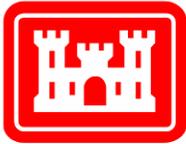
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USAESCH Mission



USAESCH will:

- Plan, Research, Develop, and Implement all aspects of CWM Investigations and Remediation.
- Prepare all worksites so that there is no danger to the public, the workers, or the environment.



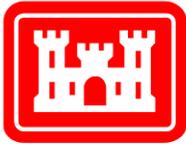
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USAESCH Mission



USAESCH will:

- Execute all operations on site.
- Remain responsible for all site activities including activities performed by contractors, 22nd Chemical Battalion, Edgewood Chemical Biological Center, and direct coordination with Project Manager for Non-Stockpile Chemical Materiel.

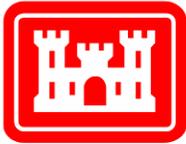


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USAESCH Mission



- USAESCH will:
- Act as the Single Executing Agent for the soon to be appointed Executive Agency for all Chemical Warfare Materiel matters.
- This is in conjunction with the “Firehouse”, a yet to be determined agency that handles RD, Emergency Response, and Disposal Operations for CWM.



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CWM Project Initiation



- COE Division develops both priorities and funding for CWM Projects.
- Each COE District determines DERP funding eligibility through the Inventory Project Report process.
- COE Division and District provides the funding support for the USAESCH DERP projects.
- Work for Others (i.e. Air Force)



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Relations With Other Organizations



- **Work for Other Agencies**
 - Other organizations such as the Air Force requests and funds USAESCH project execution.

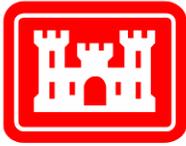


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CWM Project Execution (Corps)



- Geographic District Request and Fund Work/Participate in Project Execution
- Contract Execution
 - Contractor
 - Remedial Investigation/Feasibility Study
 - Contractor
 - Interim Removal Action/Remedial Action
- RDECOM Support
- PMNSCM (Project Manager Non-Stockpile Chemical Materiel)

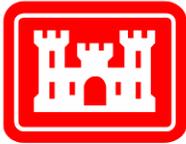


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Geographic District Lead



-
- Funding
 - Public Affairs (FUDS)
 - Construction Support
 - Hazardous Waste (If Needed)
 - Regulatory Interface

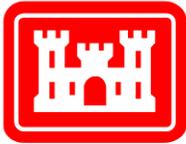


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Geographic District Lead



-
- Real Estate Functions
 - Memorandums of Agreement (As Needed)
 - medical
 - security
 - hospital

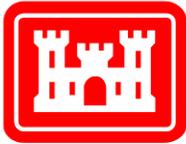


Relations With (RDECOM) and 20th SUPCOM

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- USAESCH provides funding in support of project execution
 - The US Army Technical Escort Unit (TEU)
 - Edgewood Chemical Biological Center (ECBC)

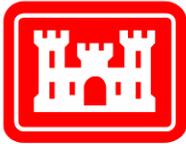


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22nd CM BN (TEU) (In Coordination with PMNS)



- Some Field Work as Required
- Item Assessment
 - X-ray
 - PINS
- Emergency Destruction
- Packaging
- Transportation

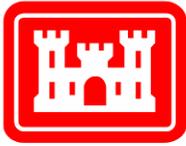


Edgewood Chemical Biological Center (ECBC)



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- CWM Laboratory
 - Mobile
 - Fixed
- CWM Field Sample Screening
- Agent Monitoring
 - DAAMs Tubes
 - MINICAMs
 - FTIR
- CWM Equipment Installation

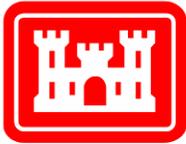


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Project Manager Non-Stockpile Chemical Materiel (PMNSCM)



-
- Containerization
 - Transportation
 - via - Technical Escort Unit
 - Disposition

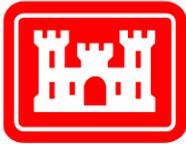


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Project Execution



- Very complex system
 - Gov't and regulatory oversight
 - Insure safe and successful execution of CWM projects.
- DERP funding
 - appropriated by Congress



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CWM



ANY QUESTIONS?