

OCS TEAM RESPONSIBLE FOR:
D & D Equipment, Processes, and Technologies

PROBLEMS COMMON TO THREE OR MORE OH SITES

- Tanks and Sludge Removal
- Glovebox and Stainless Steel Cutting
- Concrete Cutting
- Fixatives/ Bug Bomb
- Auto Scabbling
- HEPA Filters Disposal
- Resins Disposal
- Real Time Monitoring
- Improved Techniques for the Size Reduction of Components
- Improved Facility Survey Techniques

TECHNOLOGIES OR PRACTICES ALREADY USED IN OH

- Diamond Wire Cutting
- Concrete Crushing
- Real Time Lead Monitoring
- Dose to Curie Modeling for Field Instrument Use
- Jaws of Life
- Back-Hoe Attachments for Dismantlement
- LLW Compaction and Supercompaction
- Decontamination of Mop Heads and Rags
- Use of the Artisan Remote Manipulator Arm
- Use of the Oxy-Gasoline Cutting Torch
- Use of Cool Suits for Heat Stress
- Use of the Sonatol Cleaning System
- Use of Pressure Washing for Volume Reduction

REPORTED SAVINGS FROM USE OF TECHNOLOGY OR BEST PRACTICE

- CEMP - \$ 270 K using Diamond Wire Cutting
- MEMP - \$300 K using Concrete Crusher
- CEMP - \$ 3,000 K using Dose to Curie Modeling
- CEMP - \$ 80 K using Jaws of Life
- FEMP - \$ ___ K using Back-Hoe attachments (To Be Supplied)
- CEMP - \$ 1,600 K using Cleaning System for Mop Heads and Rags
- CEMP - \$ 800 K using the Artisan Remote Manipulator Arm
- FEMP - \$ 143 K in 1st year using the Oxy-Gasoline Cutting Torch
- FEMP - \$ 41K in 1st year using the Cool Suits for Heat Stress
- CEMP - \$ 4,500 K using Sonatol and Pressure Washing

CURRENT OH NEED OR OPPORTUNITY

- MEMP, WVDP, FEMP, CEMP - Improved Equipment and Component Dismantlement, Particularly Stainless Steels
- All Ohio Sites - Improved Real Time Monitoring and Characterization for Buildings, Facilities and Personnel
- All Ohio Sites - Improved Delivery Systems for Fixative Applications in Inaccessible Areas
- WVDP, MEMP, CEMP - Improved Remote Sludge and Contamination Removal/Stabilization from Tanks, etc.

RESOURCES CURRENTLY AVAILABLE WITHIN OH

- CEMP – ASTD Project involving the Artisan Manipulator Arm
- FEMP – ASTD Project for Real Time Characterization
- MEMP – ASTD Project for Old Cave Characterization
- MEMP – ITRD Project in PRS-66
- Technical Experts from all Ohio Sites