



Blue Grass Chemical Agent-  
Destruction Pilot Plant

# Monthly Status Briefing

*December 2010*



## BGCAPP

Blue Grass Chemical  
Agent-Destruction Pilot Plant

**A PARTNERSHIP FOR SAFE CHEMICAL WEAPONS DESTRUCTION**

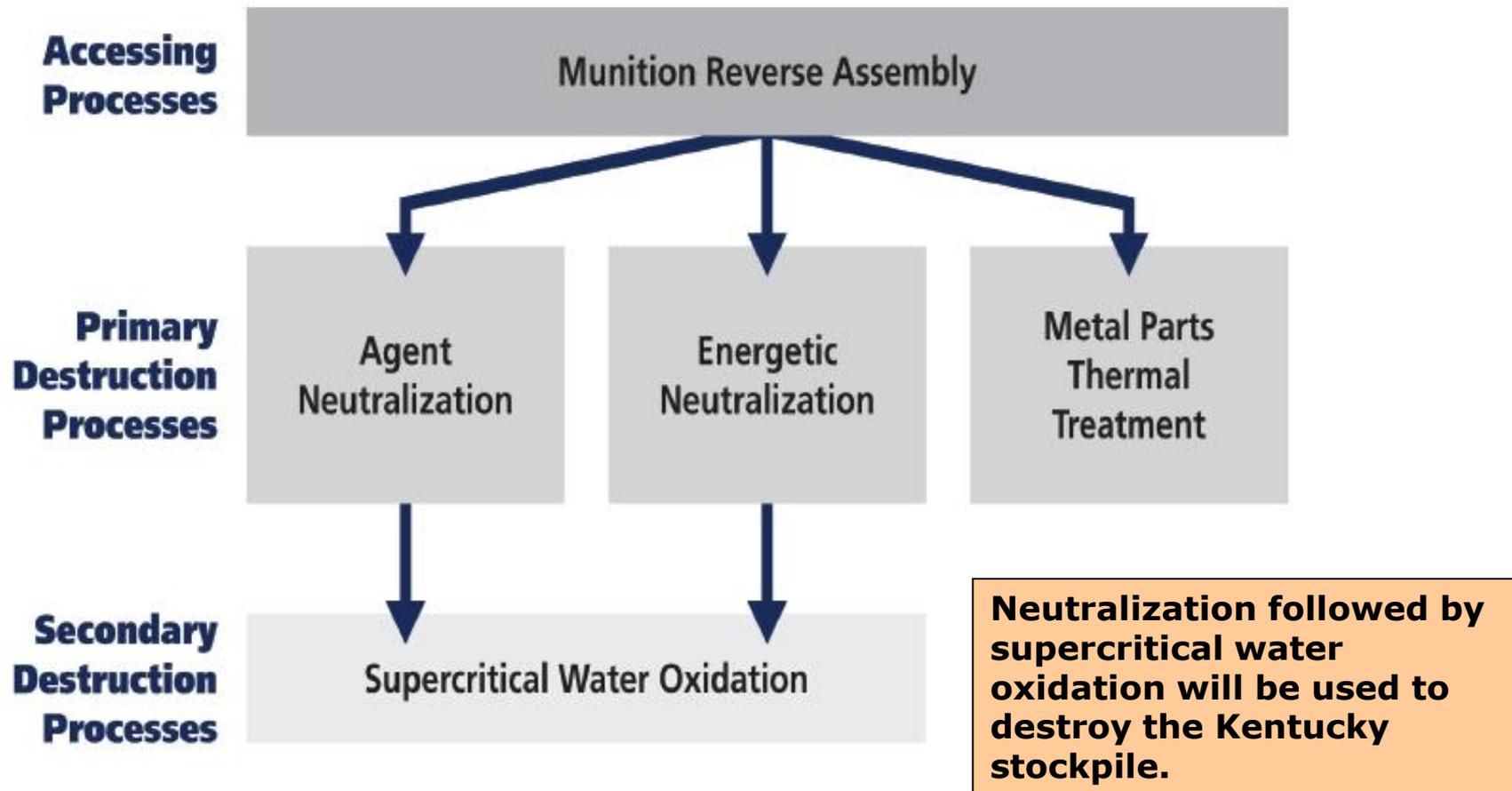
OPSEC Reviewed and Approved on 12/14/2010 (RWR)

# Project Background

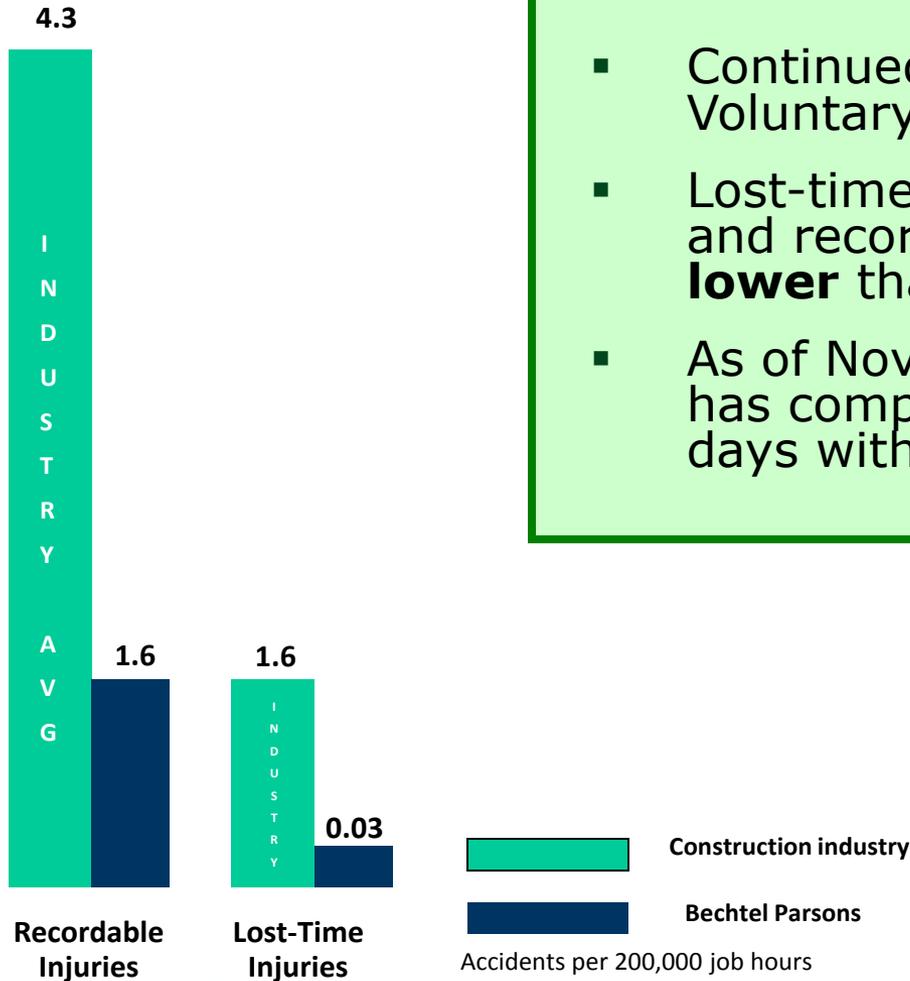
- The Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) will safely destroy 523 tons of chemical agent in rockets and artillery projectiles stored at the Blue Grass Army Depot in Richmond, Kentucky.
- The technology selected by the Department of Defense to destroy the Blue Grass chemical weapons stockpile is neutralization followed by Supercritical Water Oxidation (SCWO).
- The Program Manager, Assembled Chemical Weapons Alternatives (ACWA), headquartered at Aberdeen Proving Ground, Maryland is responsible for managing all aspects of the safe and environmentally sound destruction of the chemical weapons stockpiles in both Kentucky and Colorado.
- The Bechtel Parsons Blue Grass Team, a joint venture of Bechtel National, Inc. and Parsons Infrastructure and Technology Group, along with teaming partners URS Washington Division, Battelle Memorial Institute, General Atomics and General Physics, is the systems contractor selected to design, build, systemize, pilot test, operate and close the BGCAPP.



# Destruction Technology



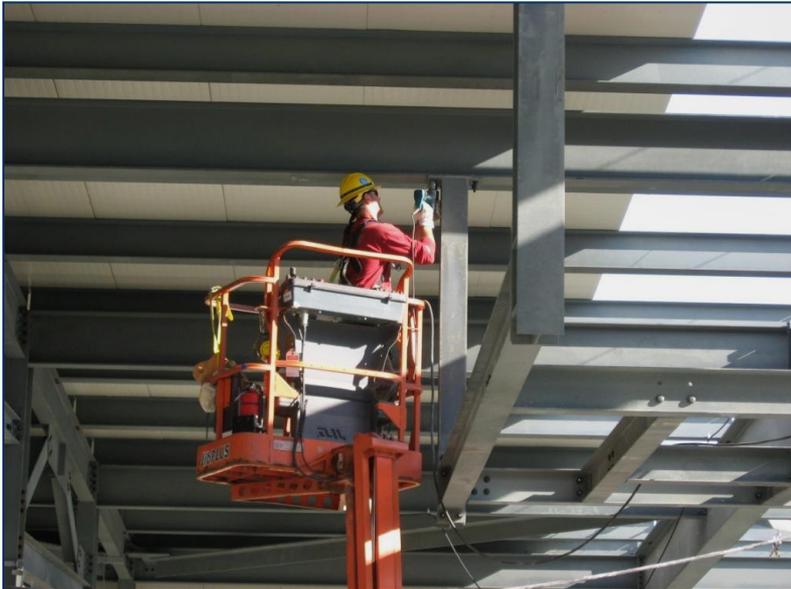
# Safety



- Continued progress toward OSHA Voluntary Protection Program Star Status
- Lost-time injury rate **98 percent lower** and recordable injury rate **63 percent lower** than industry average
- As of November 30, 2010, the project has completed 766,079 hours and 203 days without a lost time accident.



# Current Project Staffing



**BGCAPP Worker installing structural steel inside the Control and Support Building.**

- **Total project employment 775**
- **Richmond, KY – 650:**
  - Nonmanual – 368
  - Craft – 282
  - 54 percent local hires
- **Other locations – 125**
  - Pasco, WA
  - San Diego, CA
  - Columbus, OH
  - Frederick, MD

# Construction Work in Progress

- **Munitions Demilitarization Building (MDB)**
  - Concrete blast walls
  - Structural steel
- **Control Building**
  - Structural steel
  - Electrical and piping systems
  - Heating, ventilation and air conditioning (HVAC)
  - Roofing and siding
- **Fire Water Pump House**
- **Utility Building (UB)**
  - Electrical systems
- **Supercritical Water Oxidation (SCWO) Building**
  - Concrete foundation placements

Structural steel installation continues at the MDB.



More structural steel awaits at the onsite laydown area.

# Munitions Demilitarization Building (MDB)



Work crews install “embeds” in the blast walls of the MDB.

# Control and Support Building (CSB)



**Workers continue to install roofing atop the CSB.**

# Utility Building (UB)



**Workers continue to install interior wallboard and interior lighting within the UB.**

# Fire Water Pump House



**The Fire Water Pump House was turned over to the Blue Grass systemization team last month. Once operational, each fire water storage tank will hold 250,000 gallons of water.**

# Economic Impact

## ■ ACQUISITIONS

- More than \$67.1 million spent with Kentucky companies of which \$40.9 million has been spent in Madison and surrounding counties

## ■ PAYROLL

- Approximately \$177 million of local payroll to date
- More than \$450 million more to be paid remainder of project

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