

Monthly Status Briefing

October 2009



Blue Grass Chemical Agent-
Destruction Pilot Plant

BGCAPP
Blue Grass Chemical
Agent-Destruction Pilot Plant

A PARTNERSHIP FOR SAFE CHEMICAL WEAPONS DESTRUCTION

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 Super Critical 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 Washington Demilitarization Company, Battelle Memorial Institute, General Atomics and General Physics, is the systems contractor selected to design, build, systemize, pilot test, operate and close the BGCAPP.**



- **Currently applying for OSHA Voluntary Protection Program (VPP) Star Status:**
 - OSHA recognizes workplaces with excellent safety and health management systems.
 - Promotes them as model workplaces.
 - VPP emphasizes reliance on the cooperation and trust inherent in partnership.



Bechtel Parsons Blue Grass employees have surpassed 4.4 million job hours and 2,310 days without a lost-time injury*

* -As of 30 September, 2009



Current Project Staffing



- Total employment is 582
- Non-manual personnel 431:
 - Richmond, KY: 313 (69 local hires)
 - Other Locations: 118
- Manual personnel 171:
 - Richmond, KY 150
 - Other locations 21

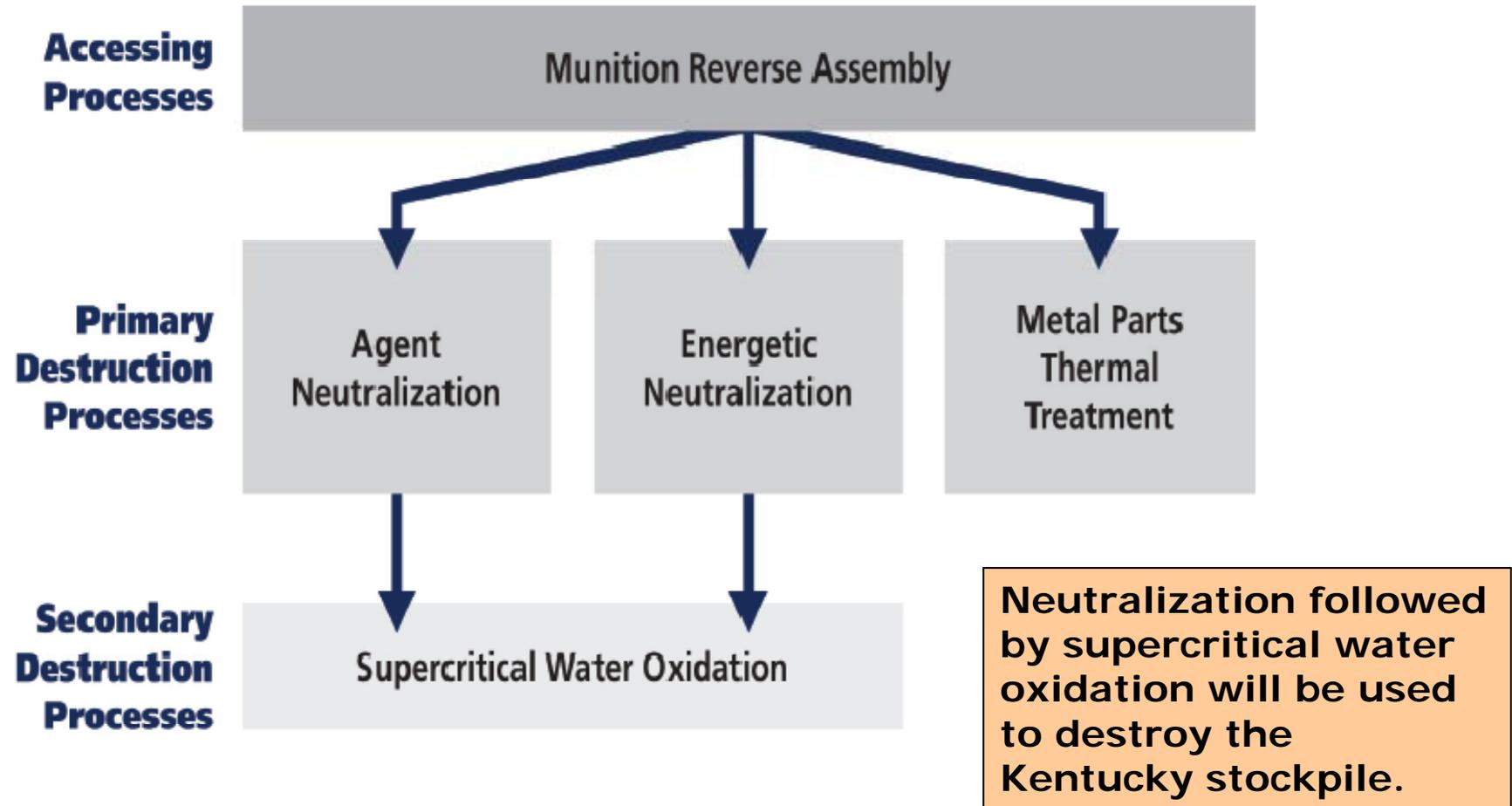
Economic Impact

- **ACQUISITIONS:** More than \$41 million spent with Kentucky companies since project inception

- **PAYROLL**
 - Non-manual payroll approximately \$32 million per year, generating about \$2 million in state and local payroll taxes
 - Craft payroll averaging more than \$100,000 per week



Destruction Technology



Status of Design Packages

Complete

- ✓ Munitions Demilitarization Building
- ✓ Control and Support Building
- ✓ Super Critical Water Oxidation Process Building
- ✓ Laboratory
- ✓ Underground Utilities
- ✓ Access Control Building
- ✓ Gas Mask Storage Building
- ✓ Maintenance Building and Personnel Support Building
- ✓ Maintenance Building
- ✓ Integrated Control System
- ✓ Fire Protection System
- ✓ Above Ground Utilities
- ✓ MDB Filter Area
- ✓ Lab Filter Area

■ Engineering is 96 % Complete

To go

- Utility Block (December, 09)
- Hydrolysate Storage Area (April, 10)
- Container Handling Building (January, 10)
- Entry Control Facility (September, 10)
- Electronic Security System (June, 10)
- Standby Diesel Generators (May, 10)



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Construction Status - Complete

- **Perimeter Fencing**
- **Access Road**
- **Access Control Building and Associated Facilities**
- **138kV transmission line and electrical substation**
- **High-mast lighting**
- **Personnel Support Building**
- **Maintenance Building**
- **Control and Support Building horizontal concrete**
- **Mock wall to demonstrate construction techniques**



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Construction – Work in Progress

- **Structural steel for Controls and Support Building**
- **Munitions Demilitarization Building foundations and walls**
- **Utility power centers**
- **Water storage tanks**
- **Foundation for utility building**
- **Pad for truck “drop and swap” area**



Water Storage Tanks



Workers prepare to sandblast and paint water storage tanks. Pictured is one of two 250,000-gallon tanks.

Milestone: First Structural Steel

The project reached a major milestone on September 17 when the site “went vertical” with first structural steel placement for the Controls and Support Building.



Munitions Demilitarization Building



Ironworkers place reinforcing steel for walls in the blast containment area of the Munitions Demilitarization Building.

Utility Power Centers



Foundation is poured for utility power center, part of the BGCAPP electrical distribution system.

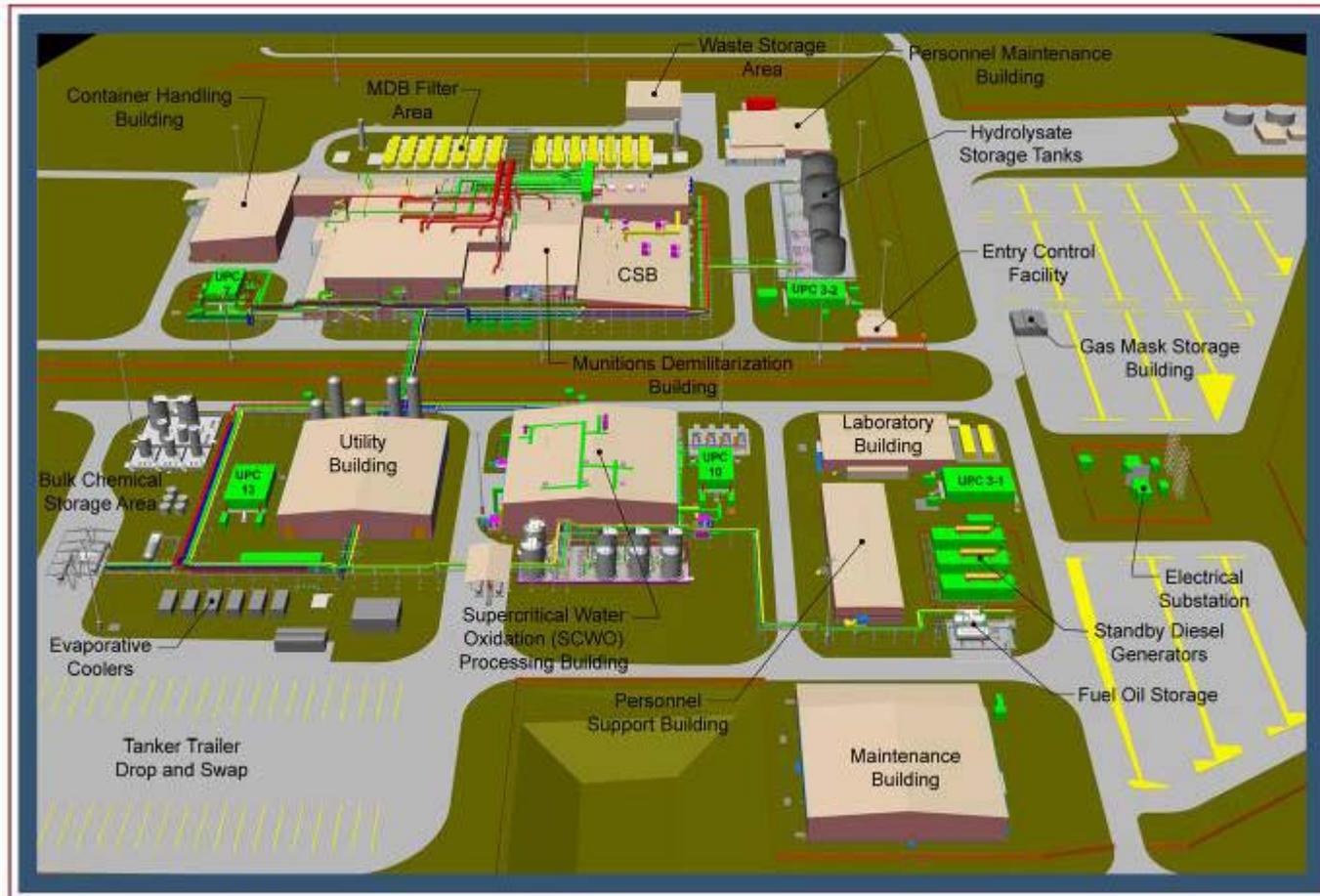


Utility Building



Concrete is placed for Utility Building foundation.

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BGCAPP Site Plan
January 11, 2008

24915-00-P5-00-00003
Rev. 4



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