

Monthly Status Briefing

July 2008



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.**



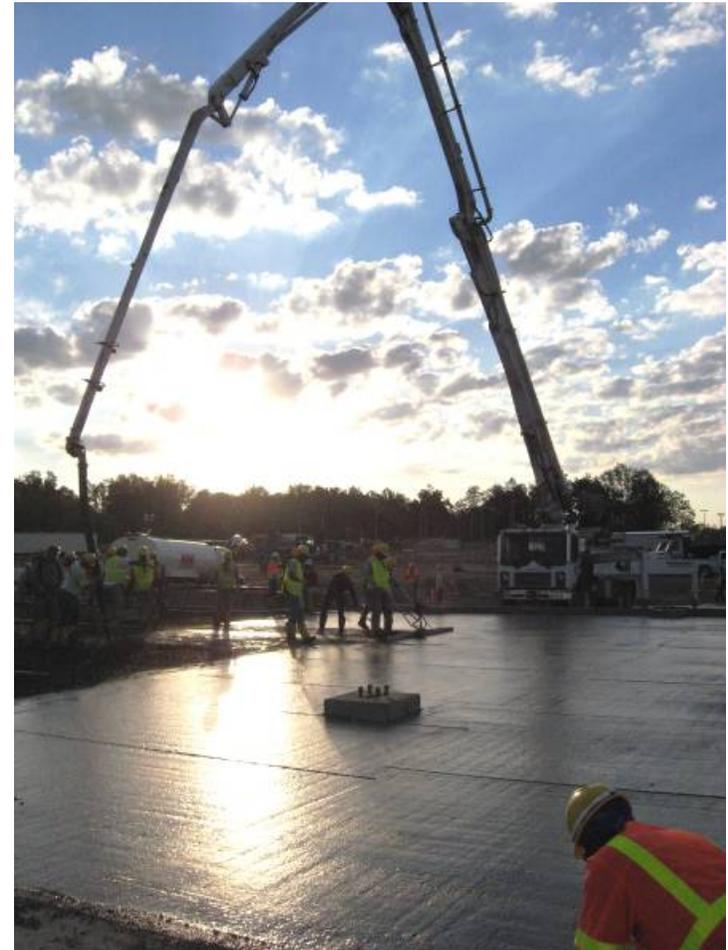
Blue Grass Chemical Agent-
Destruction Pilot Plant



OPSEC Complete 14 July 2008

Current Project Staffing

- As of 30 June 2008, Bechtel Parsons Blue Grass employees have worked more than **2.9 million job hours** without a lost-time injury
- Bechtel Parsons Blue Grass Team currently employs 269 non-manual personnel located as follows:
 - Richmond, KY: 213 (27 local hires)
 - Pasadena, CA; Pasco, WA; Columbus, OH and San Diego, CA: 56
- Subcontractor and Direct Hire construction workers on site: 138



Sunrise concrete pour for the Control Support Building



Blue Grass Chemical Agent
Destruction Pilot Plant



OPSEC Complete 14 July 2008

Acquisitions

As of 30 June 2008:	Construction		Project Total	
Total Awards	\$50,321,885		\$57,471,166	
Awards to Local Businesses	\$27,742,128	55%	\$28,340,377	49%
Kentucky Businesses Outside Local Area	\$3,614,299	7%	\$3,770,671	7%
Businesses Outside Kentucky	\$18,965,458	38%	\$25,360,118	44%
Total Awards to Kentucky Businesses	\$31,356,427	62%	\$32,111,048	56%



Blue Grass Chemical Agent-Destruction Pilot Plant



OPSEC Complete 14 July 2008

Status of Design Packages

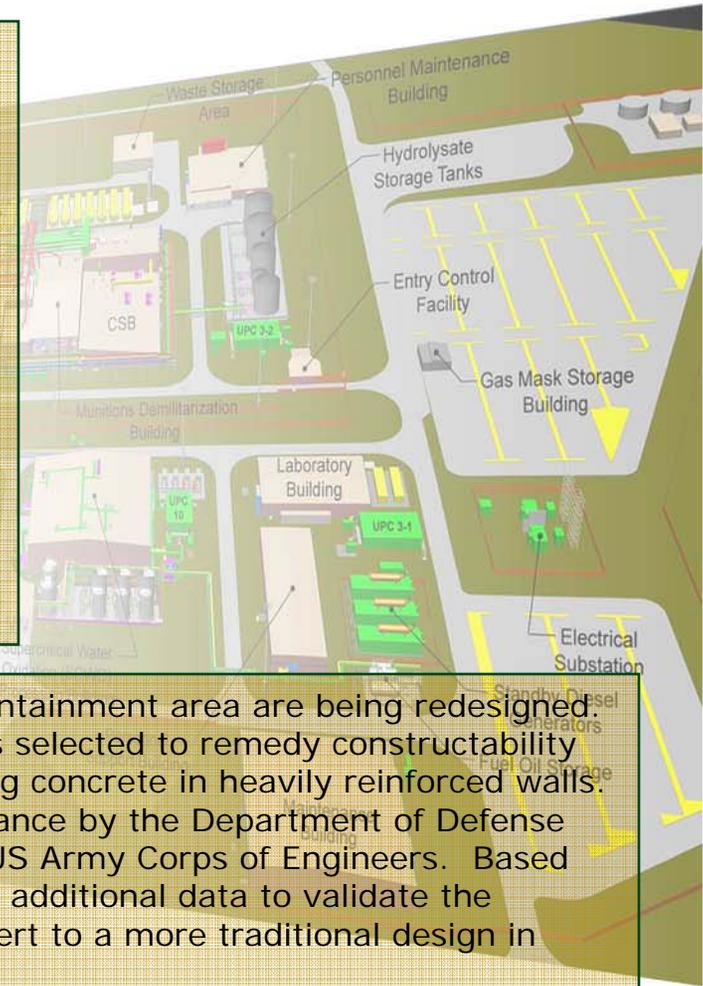
Complete (83%)

- ✓ Munitions Demilitarization Building (MDB)*
- ✓ Control and Support Building
- ✓ Super Critical Water Oxidation Process Building
- ✓ Laboratory
- ✓ Underground Utilities
- ✓ Access Control Building
- ✓ Gas Mask Storage Building
- ✓ Specifications for subcontracted Maintenance Building and Personnel Support Building

To go (17%)

- Site Utility Systems (Above ground)
- Hydrolysate Storage Area
- Container Handling Building specification
- MDB Filter Area
- Integrated Control Systems
- Utility Block
- Entry Control Facility
- Standby Diesel Generators

* Portions of the MDB explosive containment area are being redesigned. The current design approach was selected to remedy constructability challenges associated with placing concrete in heavily reinforced walls. Explosive designs require acceptance by the Department of Defense Explosive Safety Board and the US Army Corps of Engineers. Based on the time needed for collecting additional data to validate the current design, the team will revert to a more traditional design in order to recover schedule.



Blue Grass Chemical Agent
Destruction Pilot Plant

OPSEC Complete 14 July 2008

Construction

Work completed

- Roadway Concrete/Access Control Building potable water & sewer
- Perimeter Fencing
- Access Road
- Active Security Vehicle Barrier
- Access Control Building and Associated Utilities
- Temporary electrical substation
- Craft Change House
- Badging Facility
- Canopies for Vehicle Inspection Area at Access Control Building



Blue Grass Chemical Agent
Destruction Pilot Plant



OPSEC Complete 14 July 2008

Construction

Work in progress or starting soon

- Placing concrete for Control Support Building foundation
- Installing underground utilities
- Fire water system excavation and installation
- Storm drain excavation
- Personnel Support Building (Futron, Inc.)
- Maintenance Building (WG&T Builders)
- Foundations for 138kV electrical substation



Blue Grass Chemical Agent
Destruction Pilot Plant



OPSEC Complete 14 July 2008

Current Construction



On a July 1st workday that began at 3 a.m., Bechtel Parsons Blue Grass workers conduct a major concrete pour for the foundation of the Control Support Building.



Blue Grass Chemical Agent
Destruction Pilot Plant



OPSEC Complete 14 July 2008

Current Construction



The BGCAPP Control Support Building, whose concrete foundation is shown being poured here, is the electronic nerve center for controlling and monitoring the demilitarization and neutralization processes.



Blue Grass Chemical Agent
Destruction Pilot Plant



OPSEC Complete 14 July 2008

Current Construction



Placing, leveling and finishing a large concrete pour, as was done here for the Control Support Building, is a dawn-to-dusk process with virtually no room for error.



Blue Grass Chemical Agent
Destruction Pilot Plant



OPSEC Complete 14 July 2008

Current Construction



With the Maintenance Building's steel superstructure now in place, WG&T Builders have begun installing the facility's walls and roof.

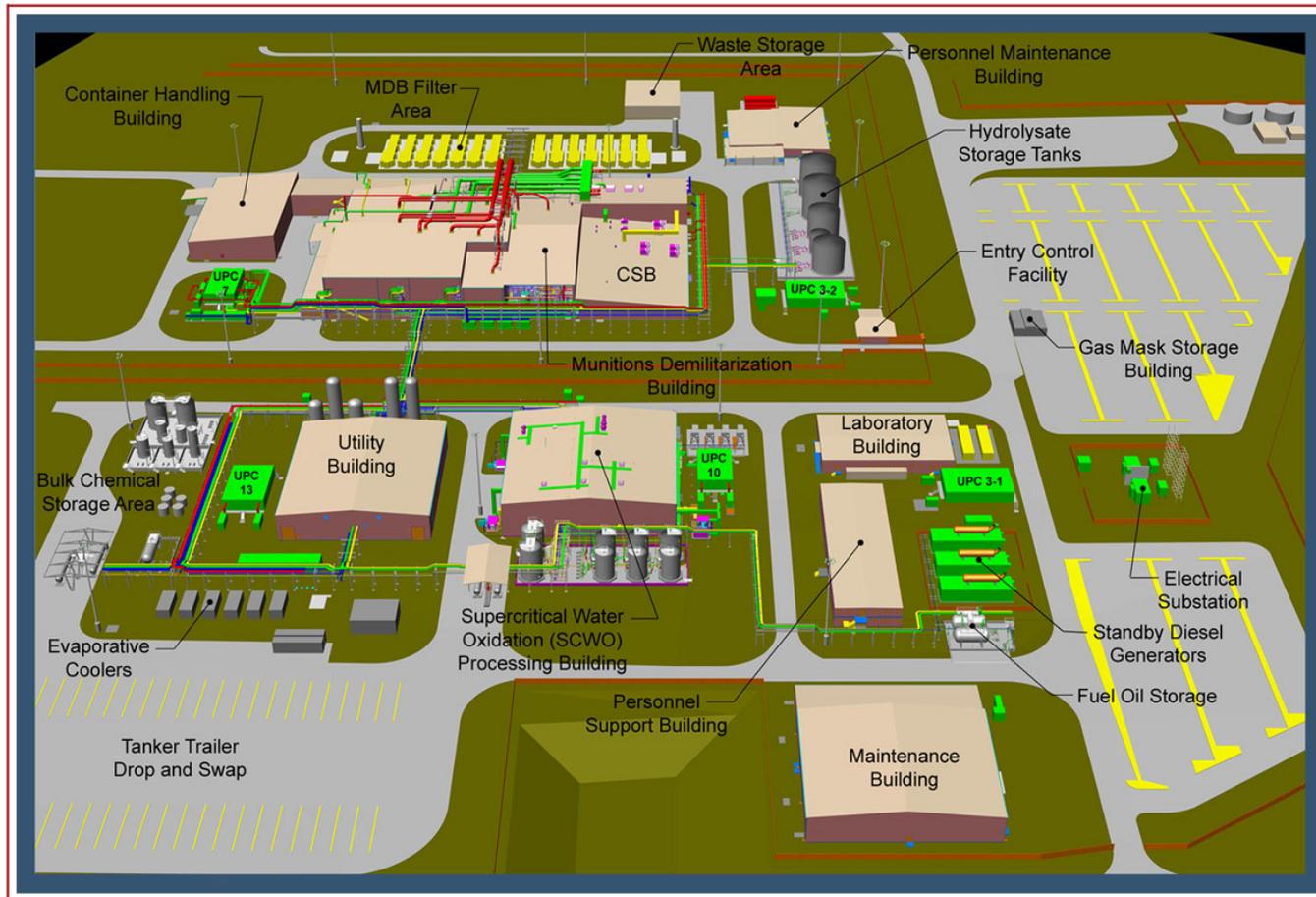


Blue Grass Chemical Agent
Destruction Pilot Plant



OPSEC Complete 14 July 2008

Blue Grass Chemical Agent-Destruction Pilot Plant



BGCAPP Site Plan
January 11, 2008



Blue Grass Chemical Agent-Destruction Pilot Plant



OPSEC Complete 14 July 2009