

Monthly Status Briefing

December 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.**



Safety

As of November 30, the Bechtel Parsons Blue Grass team has worked **3.5 million** hours without a lost-time injury



Current Project Staffing

- **Bechtel Parsons Blue Grass Team currently employs 289 non-manual personnel located as follows:**
 - **Richmond, KY: 235**
 - **Other Locations: 54**
- **Subcontractor and Direct Hire construction workers on site: 88**



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Destruction Pilot Plant



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Acquisitions

	Project Total	
Total Awards	\$65,276,663	
Awards to Local Businesses	\$29,576,646	45%
Kentucky Businesses Outside Local Area	\$4,855,181	8%
Businesses Outside Kentucky	\$30,844,835	47%
Total Awards to Kentucky Businesses	\$34,431,827	53%

As of Nov. 30, 2008



Status of Design Packages

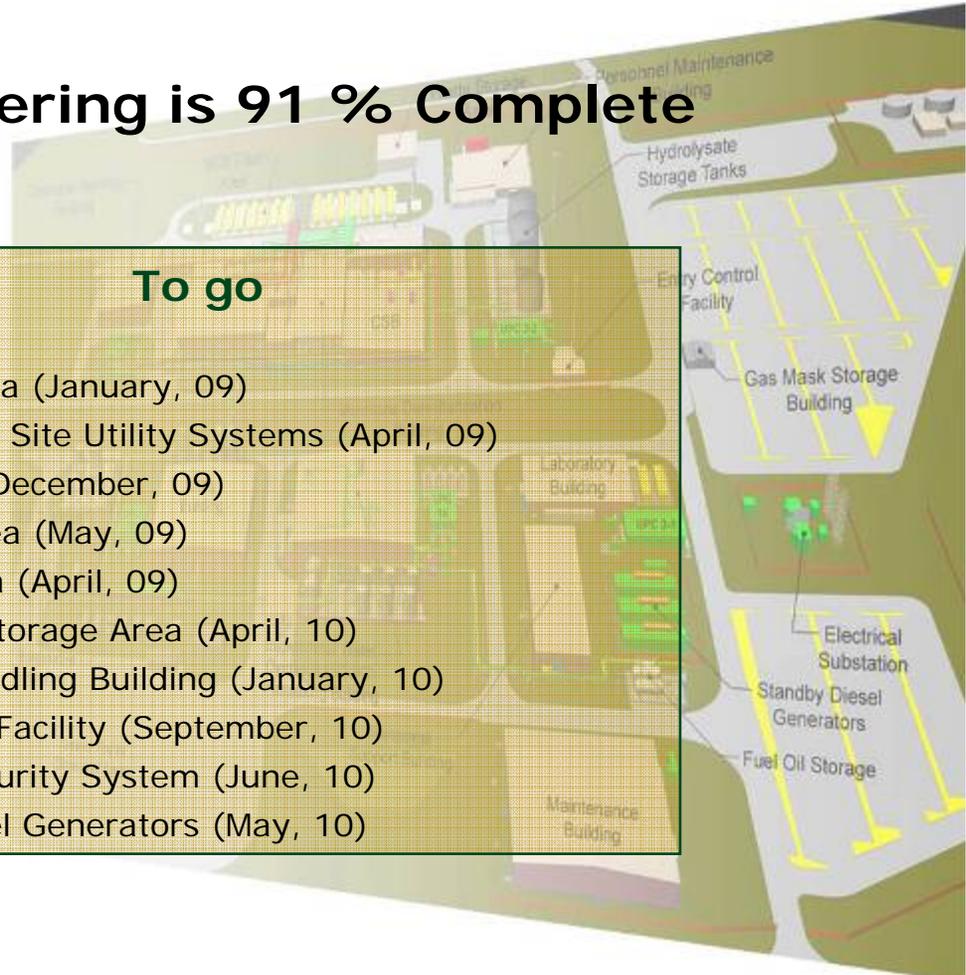
Complete

- ✓ MDB Non Blast
- ✓ 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
- ✓ Personnel Maintenance Building
- ✓ Integrated Control System
- ✓ Fire Protection System

Engineering is 91 % Complete

To go

- MDB Blast Area (January, 09)
- Above Ground Site Utility Systems (April, 09)
- Utility Block (December, 09)
- MDB Filter Area (May, 09)
- Lab Filter Area (April, 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

Work completed

- **Roadway Concrete/Access Control Building potable water & sewer**
- **Perimeter Fencing and 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**



Construction

Work in progress or starting soon

- Personnel Support Building
- Maintenance Building
- CSB concrete
- MDB non-blast concrete
- 138kV substation
- Underground utilities



Site Overview



Northwestern Corner - Observation Point

- ① Craft Change House
- ② Personnel Support Building
- ③ Maintenance Building
- ④ Future Control & Support Building
- ⑤ Future Munitions Demilitarization Building

Personnel Support Building



The interior of the Personnel Support Building is taking shape with installation of cubicles and office furniture. The building will initially provide office space for the construction team, and later for the plant operations staff as construction is completed.

138kV Electric Substation



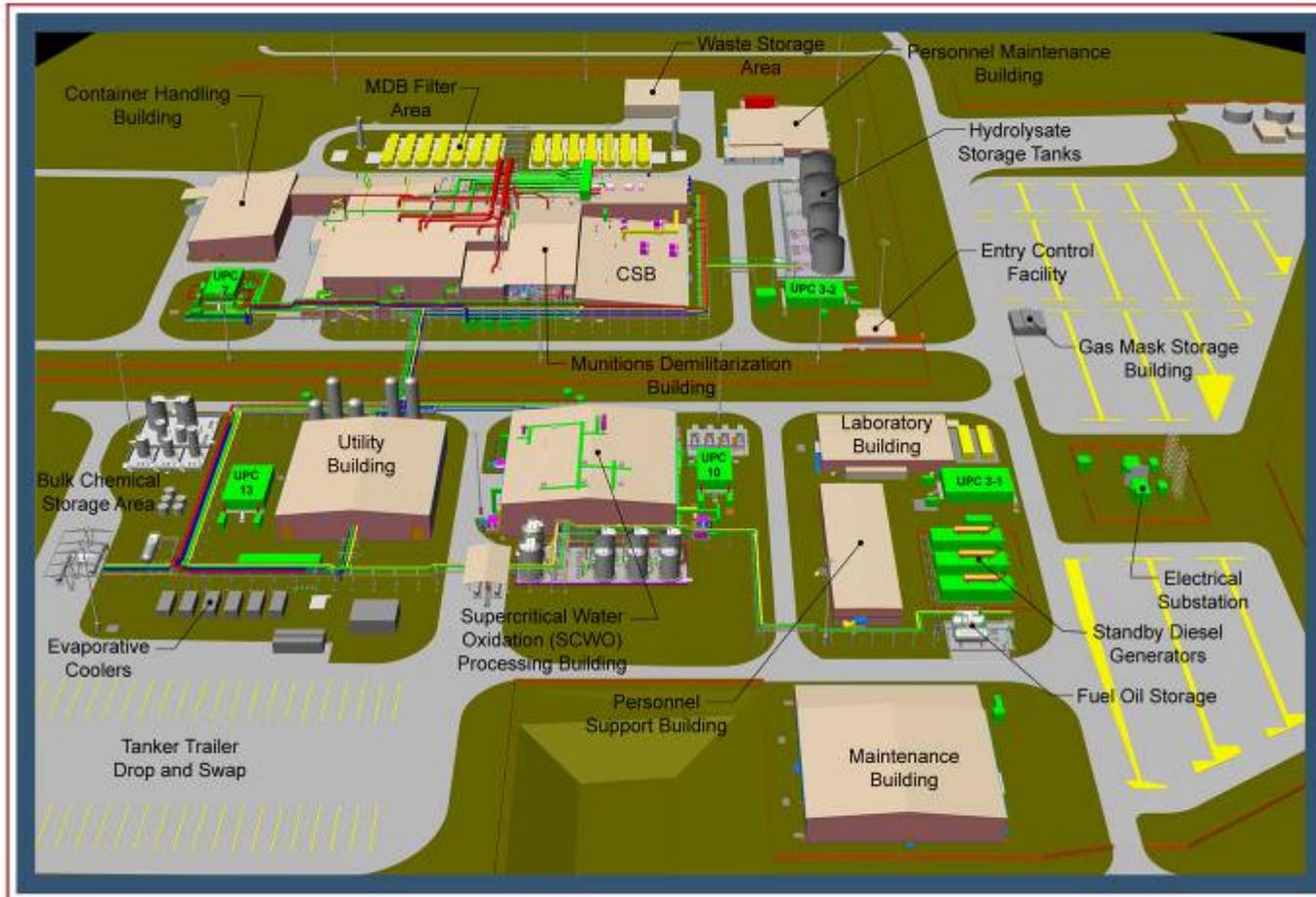
Work is nearing completion on the main substation that will provide electrical power to the plant.

Munitions Demilitarization Building



Reinforcing steel in place for the first concrete placement for the foundation of the Munitions Demilitarization Building, the part of the BGCAPP facility where chemical agents will be neutralized.

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BGCAPP Site Plan
January 11, 2008

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



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