

Monthly Status Briefing

February 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.**



Safety

As of January 31, the Bechtel Parsons Blue Grass team has worked **3.7 million** hours without a lost-time injury



Current Project Staffing



- **Bechtel Parsons Blue Grass Team currently employs 293 non-manual personnel located as follows:**
 - **Richmond, KY: 239**
 - **Other Locations: 54**
- **Subcontractor and Direct Hire construction workers on site: 97**

Acquisitions

	Project Total	
Total Awards	\$67,897,438	
Awards to Local Businesses	\$29,900,831	44%
Kentucky Businesses Outside Local Area	\$5,027,755	7%
Businesses Outside Kentucky	\$32,968,852	49%
Total Awards to Kentucky Businesses	\$34,928,586	51%

As of Jan. 31, 2009



Status of Design Packages

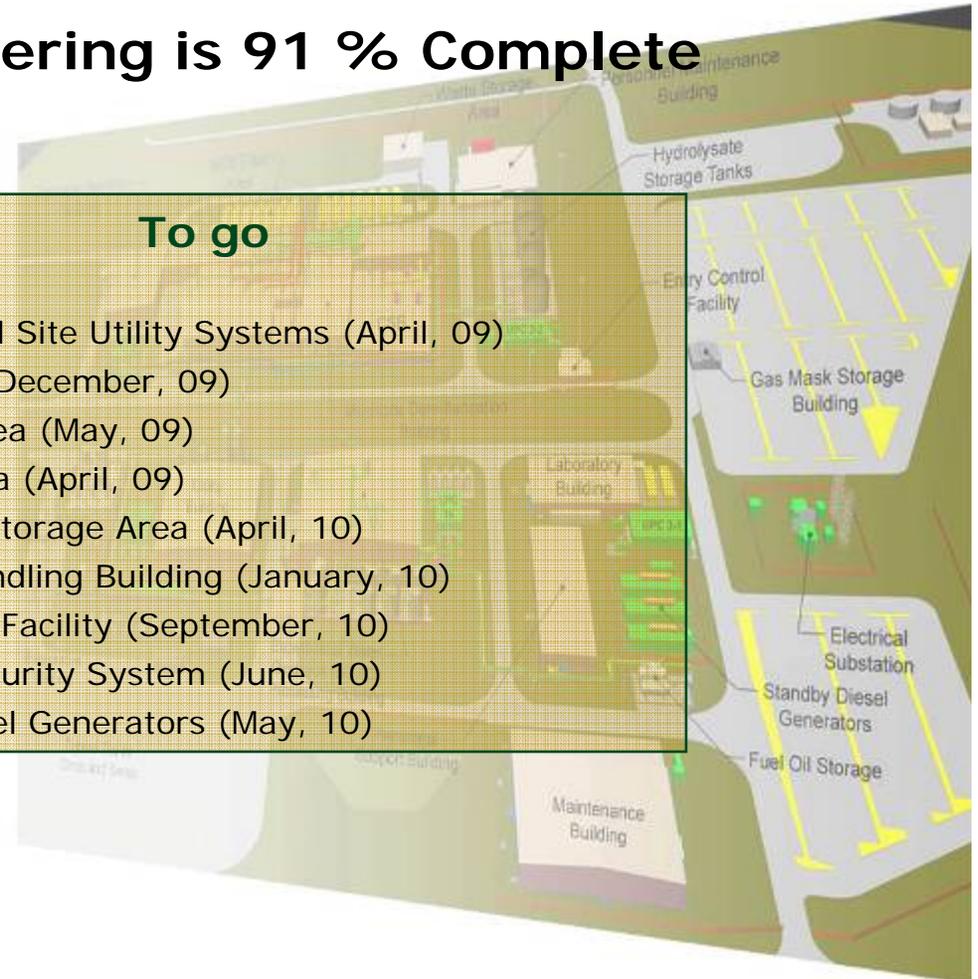
Complete

- ✓ 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
- ✓ Personnel Maintenance Building
- ✓ Integrated Control System
- ✓ Fire Protection System

■ Engineering is 91 % Complete

To go

- 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)



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

- Personnel Support Building
- Maintenance Building
- Control and Support Building concrete
- Munitions Demilitarization Building non-blast concrete
- Underground utilities
- High-mast lights



BGCAPP Site Overview



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



Munitions Demilitarization Building



The construction team got a break in the weather to make the first concrete placement for the Munitions Demilitarization Building on Saturday, Feb. 7. Starting work at 4 a.m. they successfully placed 300 cubic yards of concrete, the first concrete placement for the plant's main processing building.

Munitions Demilitarization Building



Workers level and smooth concrete after it is pumped into forms.

Underground utilities



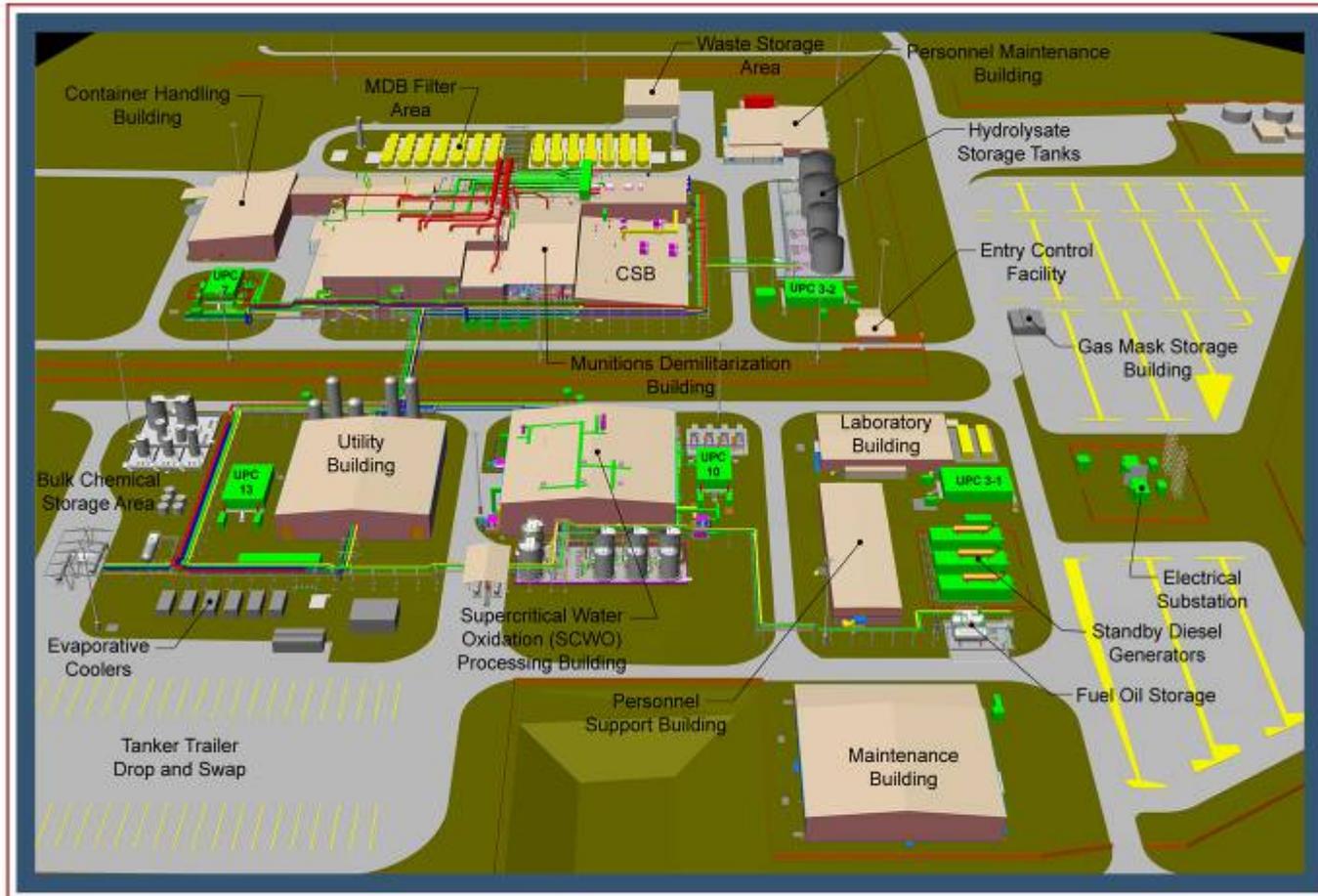
Despite snow and cold temperatures, workers install conduit for underground electrical lines.

High Mast Lighting



Light poles are installed for high-mast lighting that will illuminate the site during construction and operations.

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BGCAPP Site Plan
January 11, 2008

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



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OPSEC completed 10 Feb 2009