



Blue Grass Chemical Agent-  
Destruction Pilot Plant

*May 2008*

**A Partnership for Safe Chemical Weapons Destruction**

# **Monthly Status Briefing**

**Blue Grass Chemical Agent-Destruction Pilot Plant**



# Project Background

## A Partnership for Safe Chemical Weapons Destruction

- **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.**



# Current Project Staffing

## A Partnership for Safe Chemical Weapons Destruction

- As of 30 April 2008, Bechtel Parsons Blue Grass employees have worked more than **2.8 million job hours** without a lost-time injury
- Bechtel Parsons Blue Grass Team currently employs 249 non-manual personnel located as follows:
  - Richmond, KY: 193 (27 local hires)
  - Pasadena, CA; Pasco, WA; Columbus, OH and San Diego, CA: 56
- Subcontractor and Direct Hire construction workers on site: 130





# Acquisitions

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**As of 30 April 2008:**

	<b>Construction</b>		<b>Project Total</b>	
Total Awards	\$49,003,741		\$56,038,463	
Awards to Local Businesses	\$27,102,325	55%	\$27,710,575	49%
Kentucky Businesses Outside Local Area	\$3,145,266	7%	\$3,299,237	6%
Businesses Outside Kentucky	\$18,756,150	38%	\$25,028,651	45%
<b>Total Awards to Kentucky Businesses</b>	<b>\$30,247,591</b>	<b>62%</b>	<b>\$31,009,812</b>	<b>55%</b>



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# Status of Design Packages

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## Complete (83%)

- ✓ Munitions Demilitarization Building
- ✓ 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

BGCAPP Site Plan  
January 11, 2008



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# Construction

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## Work completed

- Roadway Concrete
- Perimeter Fencing
- Access Road
- Active Security Vehicle Barrier
- Access Control Building and Associated Utilities
- Temporary electrical substation
- Craft Change House



# Construction

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### Work in progress or starting soon

- Rebar installation and concrete footers for the Control Support Building
- Underground Utilities installation
- Delivery of modules for the Personnel Support Building – Subcontractor: Futron, Inc.
- Concrete walls and flooring for the Maintenance Building – Subcontractor: WG&T Builders
- Final punch list walk-down of the Badging Facility and vehicle inspection area canopy

### Planned to start in next 12 months

- Munitions Demilitarization Building horizontal concrete
- 138Kv Electrical Substation, switchyard, and transmission lines



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# Current Construction

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**The concrete flooring of the Maintenance Building is placed by workers from Madison County's WG&T Builders.**



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# Current Construction

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**A worker from WG&T Builders cuts expansion joints in the concrete floor of the Maintenance Building.**



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**WG&T workers finish the concrete floor of the  
Maintenance Building.**



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**Eight of the 28 prefabricated modules for the Personnel Support Building have been delivered to the project site.**



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# Current Construction

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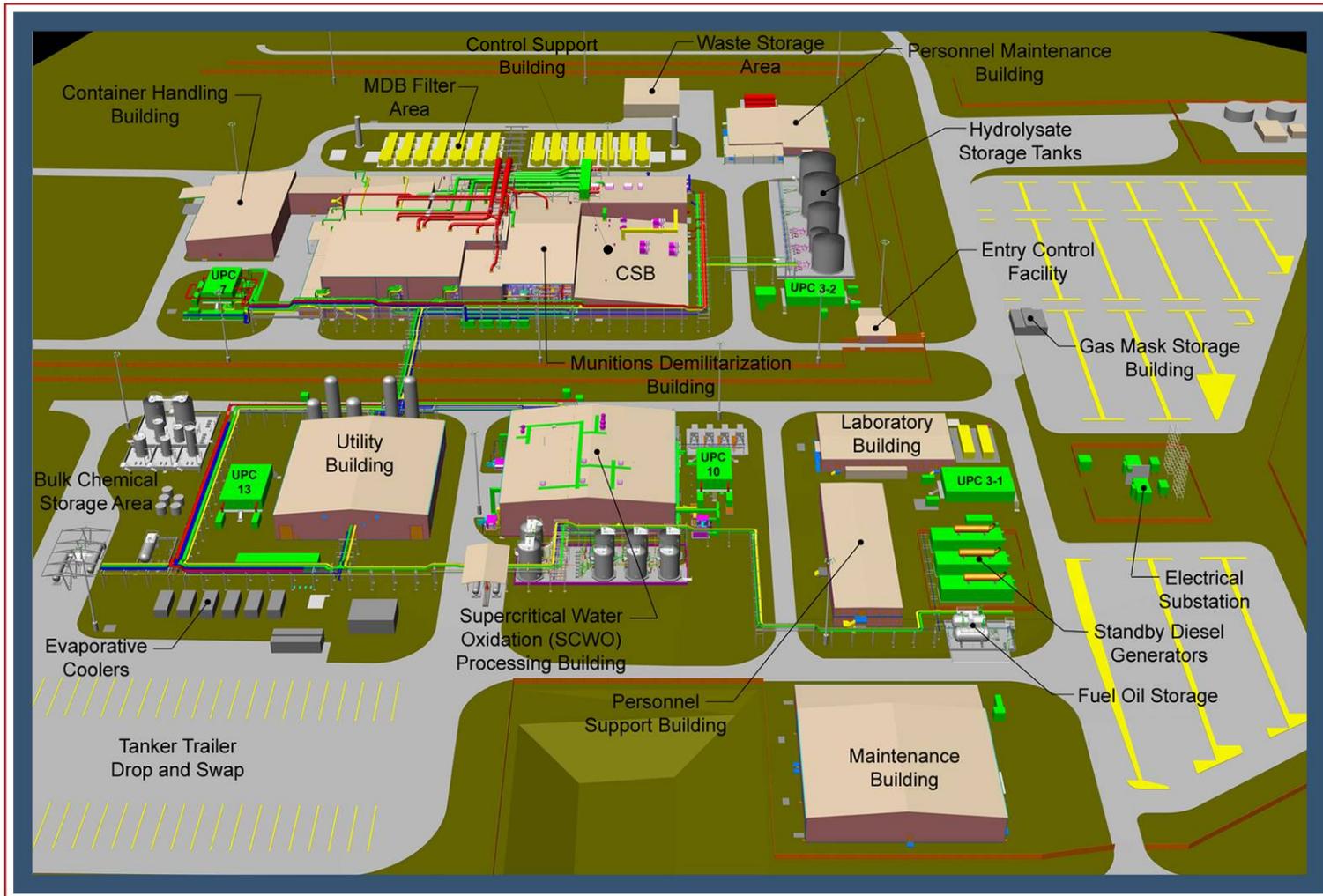


**Workers in a man lift paint the underside of the canopy over the Access Control Point's vehicle inspection area.**



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BGCAPP Site Plan  
Januarv 11. 2008