



Blue Grass Chemical Agent-  
Destruction Pilot Plant

*April 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

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- As of 31 March 2008, Bechtel Parsons Blue Grass employees have worked more than **2.7 million job hours** without a lost-time injury
- Bechtel Parsons Blue Grass Team currently employs 284 non-manual personnel located as follows:
  - Richmond, KY: 165 (23 local hires)
  - Pasadena, CA; Pasco, WA; Columbus, OH and San Diego, CA: 119
- Subcontractor and Direct Hire construction workers on site: 112





# Acquisitions

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As of 31 March 2008:

	<b>Construction</b>		<b>Project Total</b>	
Total Awards	\$46,415,711		\$53,024,881	
Awards to Local Businesses	\$26,652,743	58%	\$27,260,993	51%
Kentucky Businesses Outside Local Area	\$2,960,915	6%	\$3,114,887	6%
Businesses Outside Kentucky	\$16,802,053	36%	\$22,649,001	43%
<b>Total Awards to Kentucky Businesses</b>	<b>\$29,613,658</b>	<b>64%</b>	<b>\$30,375,880</b>	<b>57%</b>



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# Status of Design Packages

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## Complete (82%)

- ✓ 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 (18%)

- 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



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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**

- Vehicle inspection area canopy erection
- Underground Utilities installation
- Excavation backfill at the Personnel Support Building - Subcontractor Futron, Inc.
- Foundation work for the Maintenance Building - Subcontractor WG&T Builders
- Foundation excavation for the Control Support Building
- Utility connections for the Badging Facility

### **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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**Placing girders to support the canopy over the vehicle inspection area of the Access Control Point**



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# Current Construction

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**Placing concrete foundation for the Maintenance Building.  
Workers are from WG&T Builders.**



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# Current Construction

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**The Maintenance Building is taking shape with the installation of walls and the gravel base for the concrete floor.**



# New Office Space For Engineering Staff Relocating From Pasadena

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**Current  
Richmond  
Project Office**



**New Space  
White House Clinic  
Building**



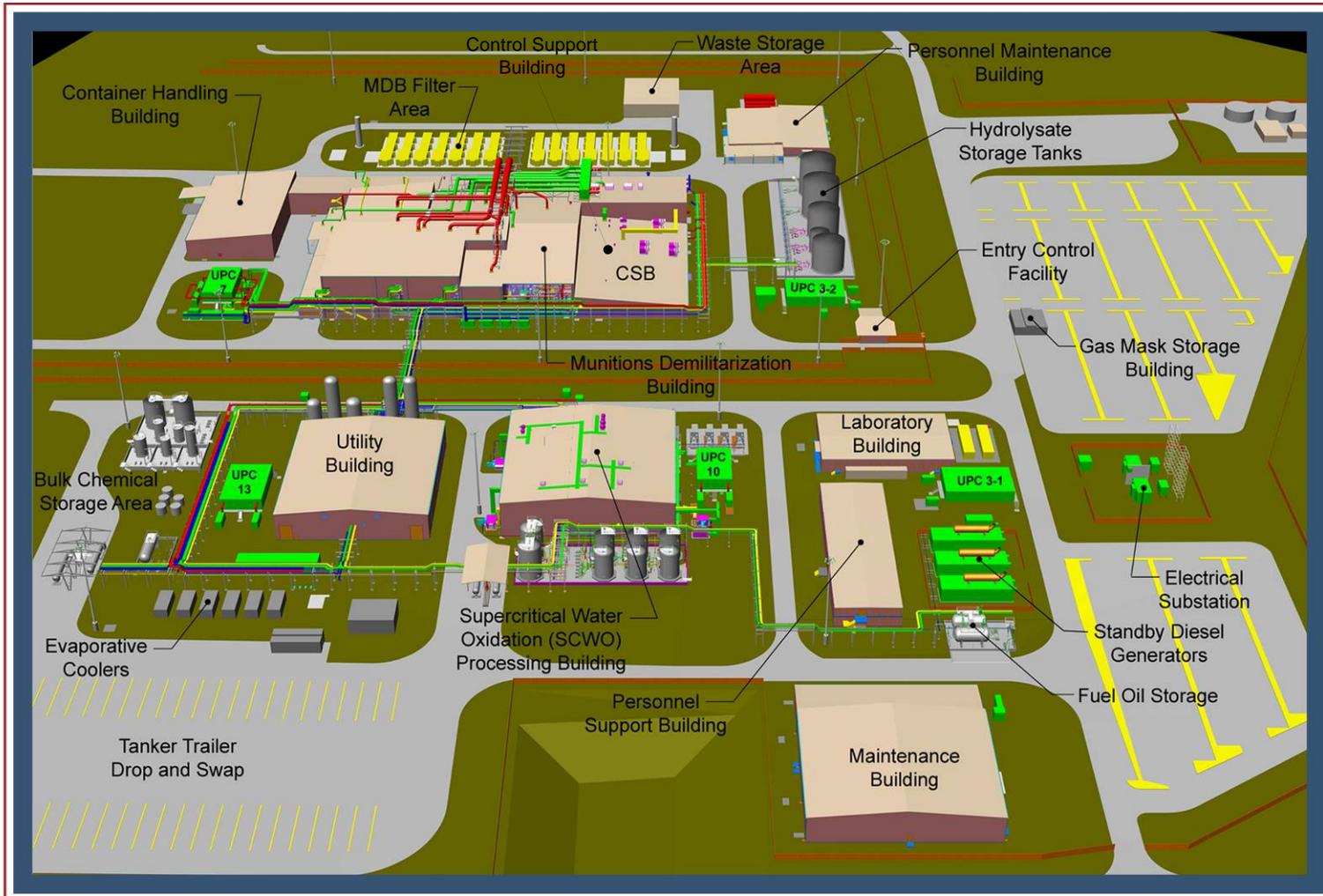
**New Space  
Commercial Drive**





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BGCAPP Site Plan  
Januarv 11. 2008