



*October 2007*

**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 September 2007, Bechtel Parsons Blue Grass employees have worked more than **2.2 million job hours** without a lost-time injury!!
- Bechtel Parsons Blue Grass Team currently employs 307 non-manual personnel located as follows:
  - Richmond, KY: 94 (18 local hires)
  - Pasadena, CA; Pasco, WA; Columbus, OH and San Diego, CA: 213
- Subcontractor and Direct Hire construction workers on site: 45 - 50 each day and growing





# Acquisitions

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As of 30 September 2007:

	<b>Construction</b>		<b>Project Total</b>	
Total Awards	\$37,776,487		\$43,025,148	
Awards to Local Businesses	\$24,956,278	66%	\$25,438,634	59%
Kentucky Businesses Outside Local Area	\$1,914,656	5%	\$2,050,324	5%
Businesses Outside Kentucky	\$10,905,553	29%	\$15,536,190	36%
<b>Total Awards to Kentucky Businesses</b>	<b>\$26,870,934</b>	<b>71%</b>	<b>\$27,488,958</b>	<b>64%</b>



# Construction

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## Work completed

- Roadway Concrete/ACB Potable Water & Sewer
- Perimeter Fencing
- Access Road
- Active Security Vehicle Barrier
- Access Control Building and Associated Utilities
- Temporary electrical substation
- Craft Change House



Blue Grass Chemical Agent-  
Destruction Pilot Plant

# Construction

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## Work in progress or starting soon

- Installation of Underground Utilities (2%)
- Personnel Support Building - Subcontractor WG&T Builders mobilized
- Maintenance Building - Subcontractor Futron, Inc. mobilized



# Current Construction

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## Craft Change House



**The Craft Change House, shown here being assembled, contains a lunch room for the construction workers and tool storage and work areas**

# Current Construction

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## Electrical Duct Banks



**Buried beneath the plant site are a maze of duct banks like this one through which run electrical and data transmission cables**

# Current Construction

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## Storm Water Control System

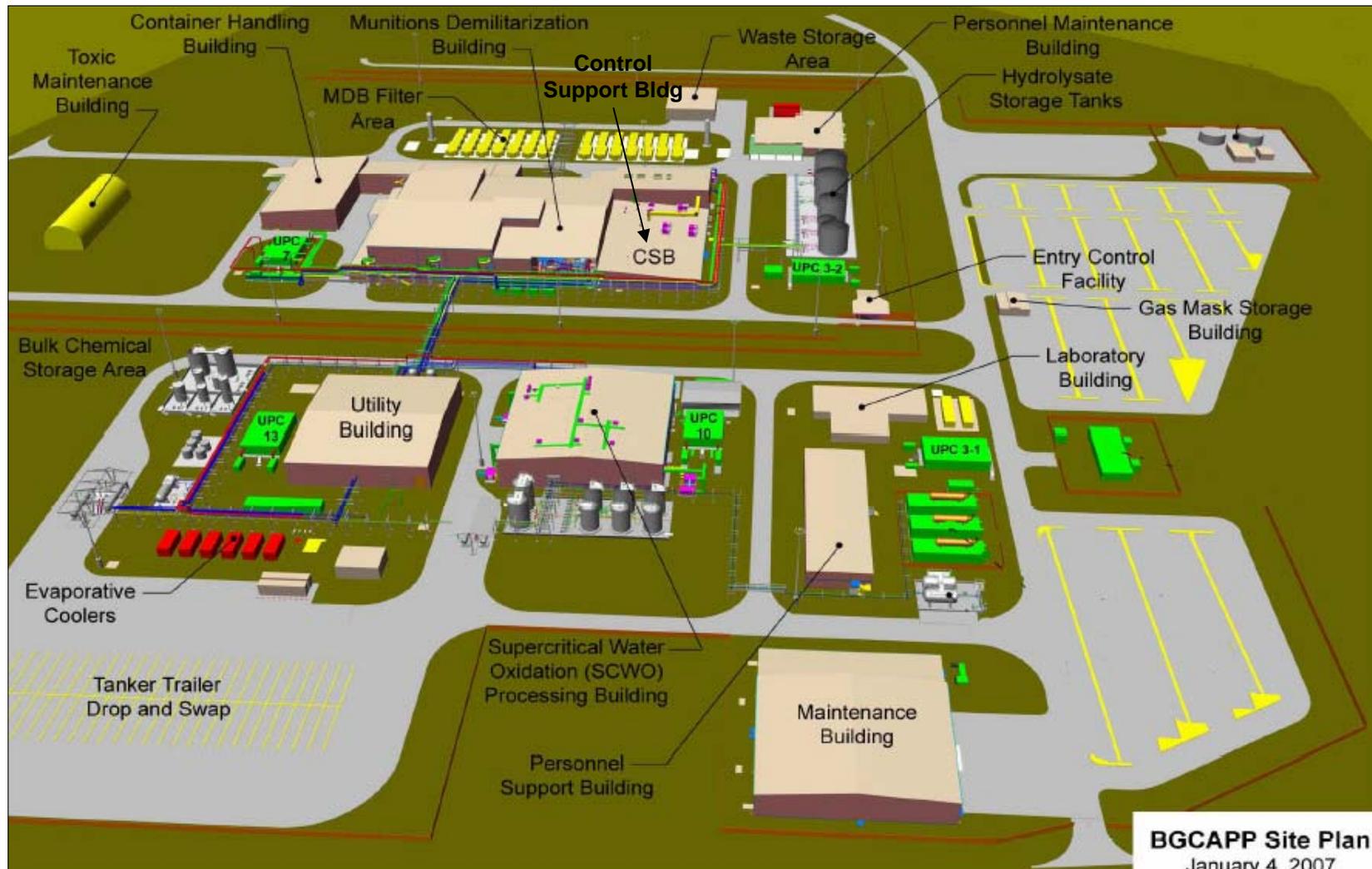


**The control of storm water runoff is just one of many environmental safeguards being designed and built into the plant**



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**BGCAPP Site Plan**  
January 4, 2007