



Blue Grass Chemical Agent-  
Destruction Pilot Plant

*December 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 November 2007, Bechtel Parsons Blue Grass employees have worked more than **2.3 million job hours** without a lost-time injury
- Bechtel Parsons Blue Grass Team currently employs 303 non-manual personnel located as follows:
  - Richmond, KY: 103 (21 local hires)
  - Pasadena, CA; Pasco, WA; Columbus, OH and San Diego, CA: 200
- Subcontractor and Direct Hire construction workers on site: 75-80 each day and growing





# Acquisitions

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## Subcontracts awarded by Bechtel Parsons Blue Grass as of 30 November 2007

	<b>Construction</b>		<b>Project Total</b>	
Total Awards	\$42,960,280		\$49,501.725	
Awards to Local Businesses	\$25,334,777	59%	\$25,928,626	52%
Kentucky Businesses Outside Local Area	\$2,354,140	6%	\$2,487,841	5%
Businesses Outside Kentucky	\$15,271,363	35%	\$21,085,258	43%
<b>Total Awards to Kentucky Businesses</b>	<b>\$27,688,917</b>	<b>65%</b>	<b>\$28,416,467</b>	<b>57%</b>



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# 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



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# Construction

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## Work in progress or starting soon

- Installation of Underground Utilities
- Fire Water System excavation and installation
- Storm drain excavation
- Personnel Support Building - Subcontractor Futron, Inc. mobilized
- Maintenance Building - Subcontractor WG&T Builders mobilized



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# Current Construction

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**Workers test pop-up barrier which is part of the BGCAPP access road security system**



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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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# Current Construction

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**Bechtel Parsons direct-hire workers place a collection box as part of the storm water control system**



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**Concrete is placed around electrical conduits during installation of "duct banks" under the plant site**



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# Program Manager Visit

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**ACWA Program Manager Kevin Flamm (left) talks with BGCAPP construction workers and responds to their questions**

