



Blue Grass Chemical Agent-  
Destruction Pilot Plant

***SEPTEMBER 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.**



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# Current Project Staffing

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- **Bechtel Parsons Blue Grass Team currently employs personnel located as follows:**
  - **Richmond, KY: 60 (18 local hires)**
  - **Jobsite: 27**
  - **Pasadena, CA; Pasco, WA; Columbus, OH and San Diego, CA: 317**
- **Subcontractor and Direct Hire construction workers on site: 45 - 50 each day and growing**



Jobsite



Jobsite



# Acquisitions

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**As of 30 August 2007:**

	<b>Construction</b>		<b>Project Total</b>	
Total Awards	\$38,777,578		\$43,418,739	
Awards to Local Businesses	\$24,690,595	64%	\$25,081,358	58%
Kentucky Businesses Outside Local Area	\$1,627,961	4%	\$1,714,426	4%
Businesses Outside Kentucky	\$12,459,021	32%	\$16,622,954	38%
<b>Total Awards to Kentucky Businesses</b>	<b>\$26,318,556</b>	<b>68%</b>	<b>\$26,795,784</b>	<b>62%</b>



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# Construction

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## **Work nearing completion**

- Roadway Concrete/ACB Potable Water & Sewer (100% complete)
- Perimeter Fencing (100% complete)
- Access road 99% complete except for guard rail work
- Active Security Vehicle Barrier (84% complete)
- Access Control Building (81%)
- ACB Electrical Power and Roadway (58%)



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## Near-Term Work

### ▪ Subcontracts

- Badging Facility
  - Subcontract awarded on July 29, 2007
- Personnel Support Building
  - Subcontract awarded on June 23, 2007
- Maintenance Building
  - Subcontract awarded on June 25, 2007
- Access Control Building Canopy
  - Currently bidding

### ▪ Underground Material

- Purchase Orders have been awarded and the majority of the material has been received on site for:
  - Storm Drainage, Sanitary Sewer
  - Electrical Ductbanks/Lighting/Grounding
  - Fire Protection and Process Water Piping



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## A Partnership for Safe Chemical Weapons Destruction

### Future Work

- 138 KVa Main Power Substation & Pole Line
  - Subcontract Awarded on July 26, 2007
- MDB Horizontal Concrete Material (Rebar/Embeds/Formwork)\*
- Permanent Plant Equipment

\* Contingent upon receipt of an authorizing Notice to Proceed from the Government to perform the work



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# Current Construction

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## Intersteel - Access Control Building



**Positioning the third and last module**



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# Current Construction

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## Intersteel - Access Control Building



**Setting the module into place**



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# Current Construction

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## **Intersteel - Access Control Building**



**Putting into final position**



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# CAC and CDCAB tour

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**Members of the Kentucky Chemical Demilitarization Citizens' Advisory Commission and the Chemical Destruction Community Advisory Board toured the BGCAPP construction site on August 30.**



**CAC and CDCAB members, along with government and contractor staff, at the BGCAPP construction site. Main plant area is in background.**

