

Monthly Status Briefing

September 2008



Pueblo Chemical Agent-Destruction Pilot Plant



PCAPP
Pueblo Chemical
Agent-Destruction Pilot Plant

A PARTNERSHIP FOR SAFE CHEMICAL WEAPONS DESTRUCTION

Project Background



- **The Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP) will safely destroy 2,611 tons of mustard agent in mortar and artillery projectiles stored at the U.S. Army Pueblo Chemical Depot in Pueblo, Colorado.**
- **The technology selected by the Department of Defense to destroy the Pueblo chemical weapons stockpile is neutralization followed by biotreatment.**
- **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 Colorado and Kentucky.**
- **The Bechtel Pueblo Team, a partnership of Bechtel National, Inc.; Washington Demilitarization Company; Parsons; and Battelle Memorial Institute, is the systems contractor selected to design, build, systemize, pilot test, operate and close the PCAPP.**



Pueblo Chemical Agent-Destruction Pilot Plant



OPSEC Completed 10 Sep 08

Safety

PCAPP employees have now worked more than **3.3 million** job hours without a lost-time injury



Pueblo Chemical Agent
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- **Bechtel Pueblo Team non-manual: 215**
 - Pueblo – 209 (95 local hires)
 - Other locations - 6
- **Construction Workers:**
 - Bechtel direct hire – 168
 - Subcontractor personnel – 15



Pueblo Chemical Agent
Destruction Pilot Plant



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Acquisition Awards Status



Subcontracts Awarded by Bechtel Pueblo Team

Total Awards - \$122.5 Million

- \$37.5 Million to Businesses in Pueblo County
- \$30.8 Million to Colorado Businesses (Outside Pueblo County)
- \$54.2 Million to Businesses Outside Colorado

56% of Awards to Pueblo County & Colorado Businesses

- 31% of Awards to Pueblo County
- 25% of Awards to Colorado Businesses (Outside Pueblo County)

As of 31 August 2008



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Acquisition Awards Status



FY 2008 Upcoming Awards:

■ Subcontracts

- Survey and Balancing of HVAC system
- Supply & Install Construction Trailer
- Fireproof Coatings

■ Materials

- Air Compressors and Auxiliaries
- Belt Conveyers
- Pumps/Centrifugal (Standard)
- Pipe Supports
- Misc. Architectural Materials



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Complete

- **Multipurpose Building - foundation, shell, siding, roof and site underground utilities**
- **Automated Guided Vehicle Corridor – foundation installation for northern and southern halves**
- **Utility Building – foundation and air handling unit pad**
- **Construction site – road paving**
- **Equipment/Vessel foundations – 7 of 8 complete**



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Construction Status

In Progress

- **Agent Processing Building – foundation and base slab installation; 5 vessels have been received**
- **Enhanced Reconfiguration Building – foundation excavation & installation**
- **Pipe Rack – vertical construction and pipe installation**
- **Automated Guided Vehicle Corridor – foundation and piers installation for northern half**
- **Underground Electrical Distribution System – pulling medium voltage cable for the power supply**
- **Installation of Cooling Tower Units**
- **Natural gas supply line – punch list and testing**



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Agent Processing Building



Concrete is placed during the early morning hours for the foundation of the Agent Processing Building



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Air Handling Unit Pad



Construction craft workers place concrete for the Air Handling Unit pad



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Crane Erected



A 230-ton crane is assembled at the PCAPP construction site where it will erect the Pipe Rack bridge, set various vessels (tanks), and lift the structural steel for the Agent Processing Building.



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Plant Vessels Delivered



Hydrolysate holding vessels or tanks (above left and on trailer at right), a hot water process tank (above right) and a breathing air tank (not shown) were delivered to the project in August



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PCAPP Construction Team



Bechtel pipefitter Antonio Santana (left) guides a hot water process tank to a temporary holder while site superintendent Steve Thieme (above) points out a self-consolidating concrete wall which is being tested for possible use in the explosive containment room of the Enhanced Reconfiguration Building.



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Stakeholder Site Tours

August 14, 2008

**PCAPP Construction Tour
for the Pueblo County
Health Department**

(left to right)

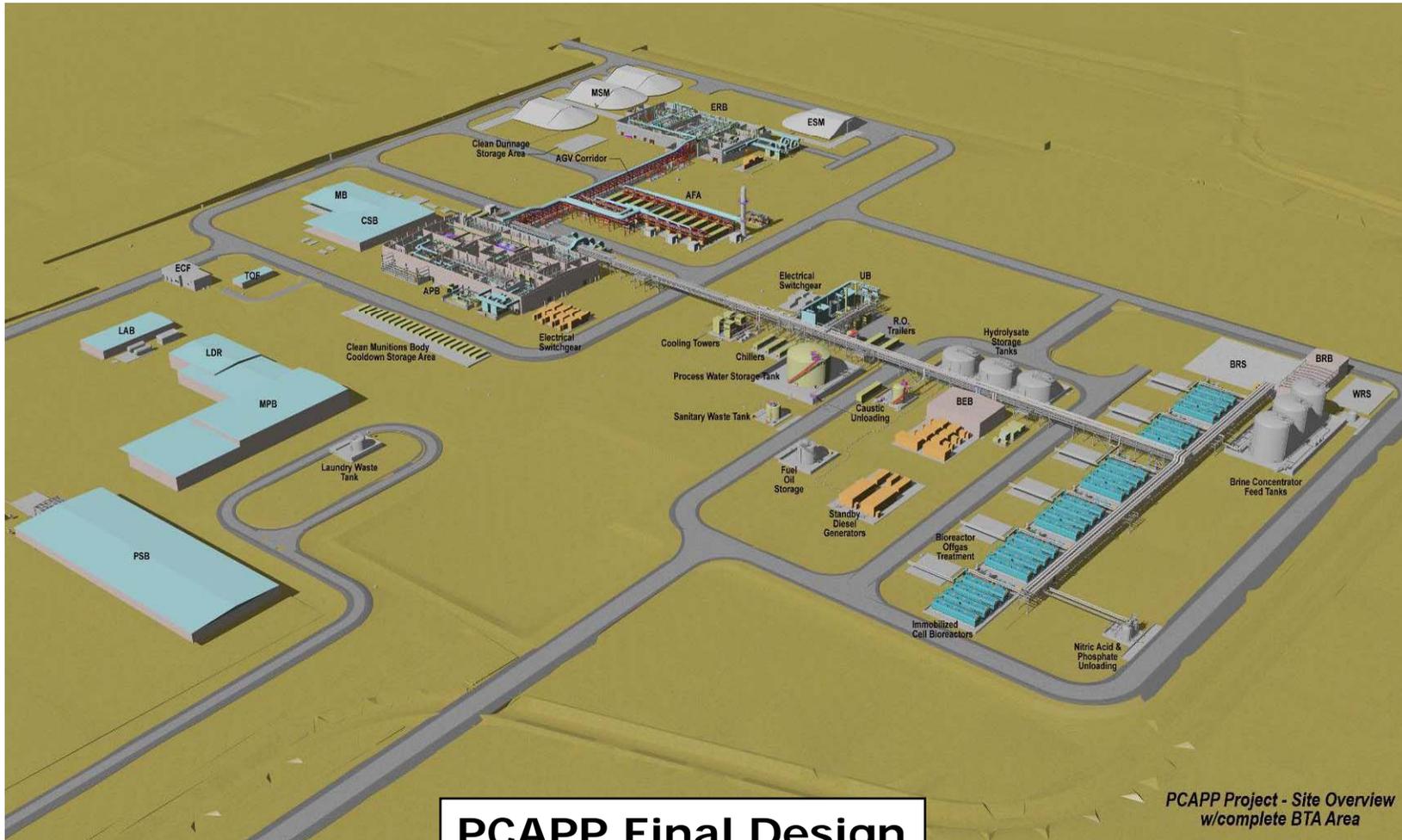
- **Susan Hand, communicable disease nurse**
- **Lucio Torres-Florez, board member**
- **Sarah Bruestle, public information officer**
- **Christina Sigala, PCAPP emergency medical technician**



Christina Sigala explains the weather monitoring system to Pueblo County Health Department representatives



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PCAPP Final Design

*PCAPP Project - Site Overview
w/complete BTA Area*



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