

Pueblo Chemical Agent-  
Destruction Pilot Plant

*June 2008*

**A Partnership for Safe Chemical Weapons Destruction**

# **Monthly Status Briefing**

**Pueblo Chemical Agent-Destruction Pilot Plant**



# Project Background

## A Partnership for Safe Chemical Weapons Destruction

- **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.**



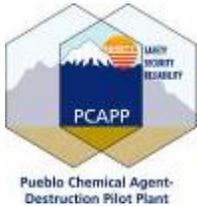
# Safety

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**PCAPP  
employees  
have now  
worked more  
than **3.1 million**  
job hours  
without a lost-  
time injury**



**More than 300 Government and contractor PCAPP project workers gathered at a special barbeque May 1<sup>st</sup> to celebrate three million job hours without a lost time accident.**



# Staffing

## A Partnership for Safe Chemical Weapons Destruction

- Bechtel Pueblo Team non-manual: 217
  - Pueblo – 206 (66 local hires)
  - Other locations – 11
- Construction workers
  - Bechtel direct-hire – 102
  - Subcontractor personnel – About 20-25



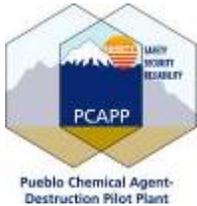


# Project Management Team

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**Top Pueblo managers review design drawings as plant construction ramps up. From left – Bechtel Pueblo design-build manager, Doug Omichinski; Bechtel Pueblo deputy project manager, Valerie McCain; US Army Corps of Engineers senior resident engineer, Fawzy Makar; ACWA site project manager, Gary Anderson; and Bechtel Pueblo project manager, Paul Henry**



# Acquisition Awards Status

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## Subcontracts Awarded by Bechtel Pueblo Team

### Total Awards - \$106.8 Million\*

- \$36.3 Million to Businesses in Pueblo County
- \$28.6 Million to Colorado Businesses (Outside Pueblo County)
- \$41.9 Million to Businesses Outside Colorado

### 61% of Awards to Pueblo County & Colorado Businesses

- 34% of Awards to Pueblo County
- 27% of Awards to Colorado Businesses (Outside Pueblo County)

**\*Total amount shows a decrease from last month because of a database error from Jan 1, 2008 to date. The data base has been corrected.**

As of 15 May 2008



# Acquisition Awards Status

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## FY 2008 Upcoming Awards:

- **Subcontracts**
  - Heating, Ventilation, Air Conditioning (HVAC)
  - Field Erected Tanks
  
- **Materials**
  - Compressors and Auxiliaries
  - Belt Conveyers
  - Breathing Air Bottle Filling System
  - Pumps/Centrifugal (Standard)
  - Miscellaneous Piping Items



# Construction Status

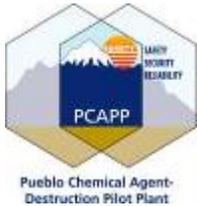
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## Complete

- Multipurpose Building foundation, shell and site underground utilities

## In Progress

- Vertical construction of pipe racks and pipe
- Installation of foundation and underground utilities, backfilling and reinforcing concrete floors for the Agent Processing Building
- Natural gas supply line – punch list and testing
- Foundation emplacement for the Automated Guide Vehicle corridor
- Pulling cable in underground distribution system for medium voltage power supply

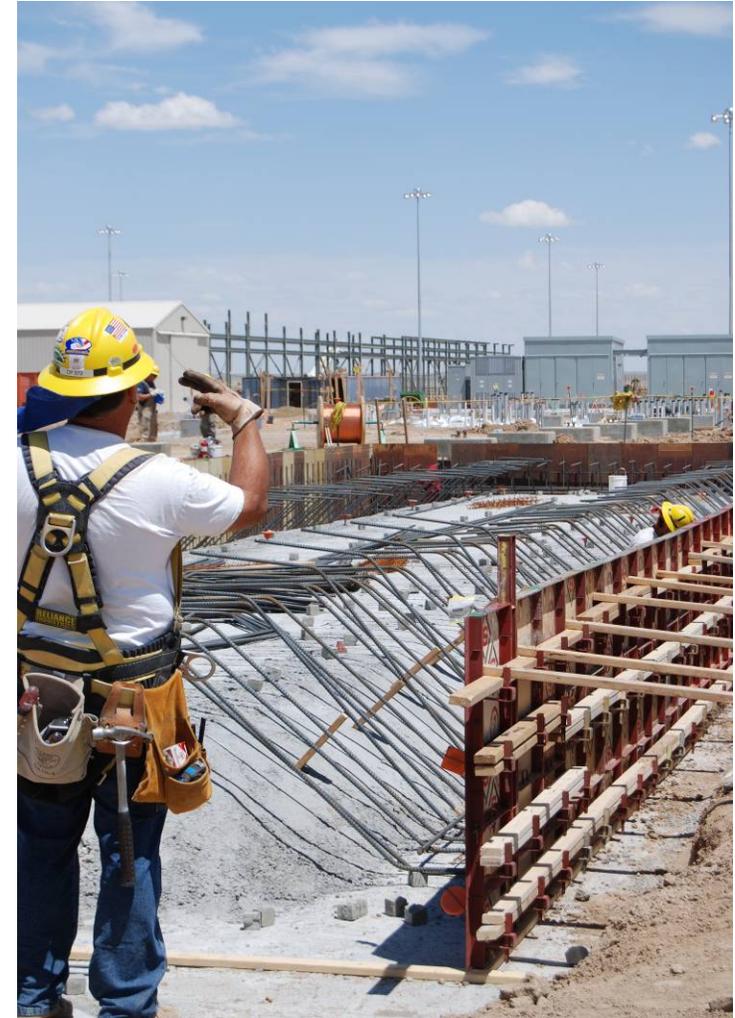


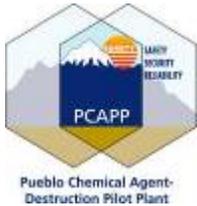
# Agent Processing Building

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**Bechtel Pueblo workers lay the first horizontal slab for the Agent Processing Building. Steve Martinez (right) gives direction to his team.**





# Multipurpose Building

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**The 40,000 sq. ft. Multipurpose Building is being erected by ICM (Industrial Constructors/Managers, Inc.) of Pueblo, Colo. As the rest of the plant is being built, the Multipurpose Building will be used to store tools, equipment and supplies. Once the plant is operational, the building will become a permanent warehouse and laundry facility.**



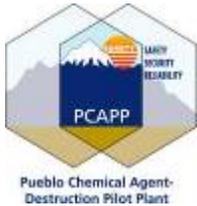


# Pipe Rack

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Bechtel Pueblo workers Christopher McCain (far left) and Benito Apodaca, Jr. construct one of the foundations for the extensive pipe rack system (above) that will connect various plant buildings. The pipes are run above ground to allow for ease of inspection, maintenance and repair.

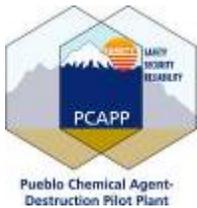


# News Media Site Tours

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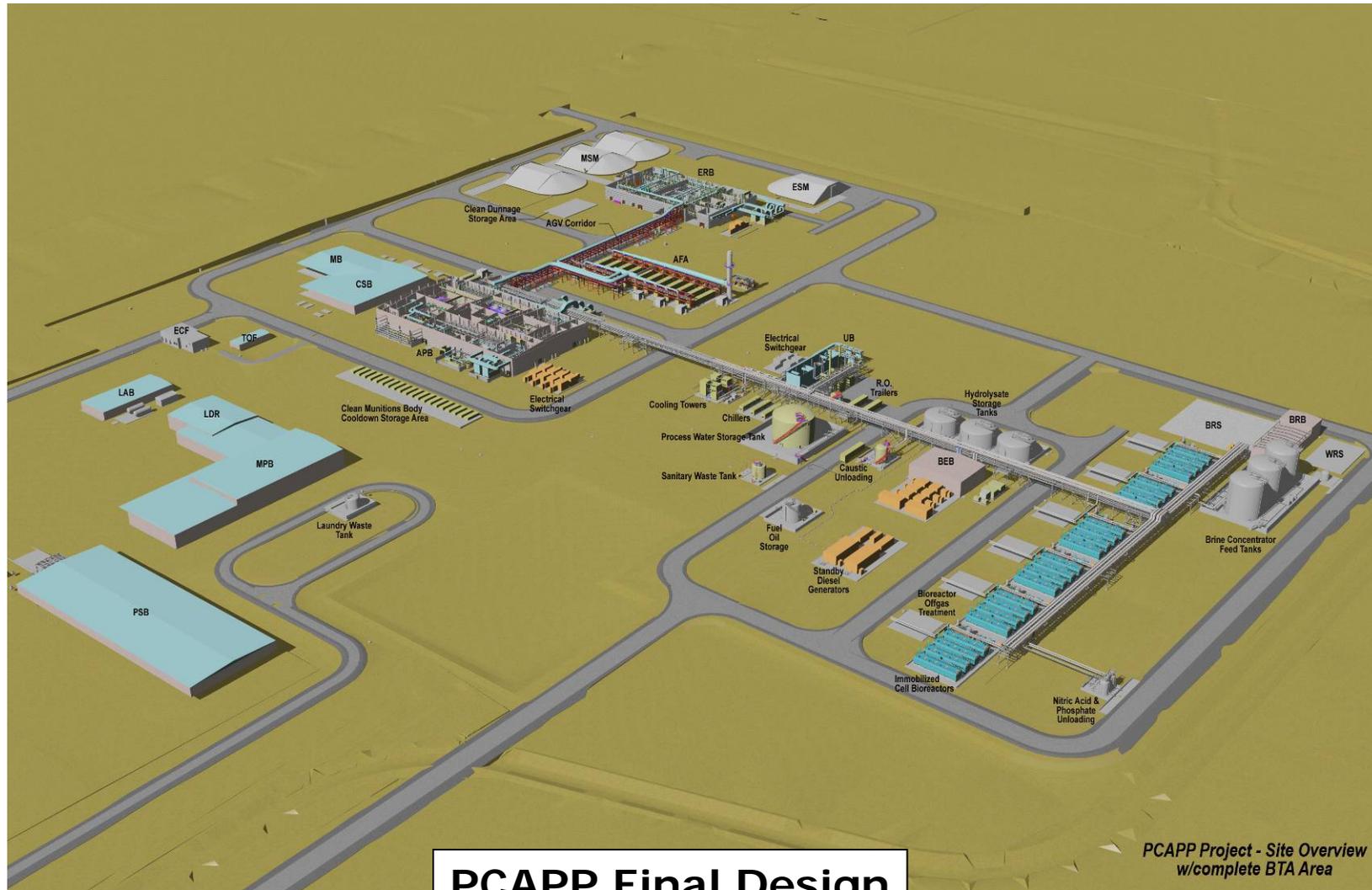


**KOAA-TV Colorado Springs reporter David Ortiz (center) films workers constructing the Agent Processing Building foundation. Bechtel Pueblo project manager Paul Henry (left) and ACWA site project manager Gary Anderson (not shown) gave Ortiz a tour of the site on May 21<sup>st</sup>. The news story ran that night and again the following morning.**



# Pueblo Chemical Agent Destruction Pilot Plant

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**PCAPP Final Design**

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