

Pueblo Chemical Agent-
Destruction Pilot Plant

June 2007

A Partnership for Safe Chemical Weapons Destruction

Monthly Status Briefing

Pueblo Chemical Agent-Destruction Pilot Plant



Project Background

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- **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.**



Design complete - Full speed ahead on construction

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News Release May 22, 2007 (Excerpt)

Pueblo, Colo. – The Department of Defense (DoD) has accepted the final design for the Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP), which will destroy the chemical weapons stockpile located at the U.S. Army Pueblo Chemical Depot.

The final design is a culmination of extensive coordination between the PCAPP team; Bechtel Pueblo, the systems contractor responsible for the design, construction, operation and closure of the pilot plant; the Program Manager Assembled Chemical Weapons Alternatives, the DoD organization responsible for the destruction of the Colorado chemical weapons stockpile; the U.S. Army Corps of Engineers Engineering and Support Center; and the local community.

Safety

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



**Safety Manager Terry Wells
checks equipment that will be
used to stretch fabric over Access
Control Point structures.**



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Project Staffing

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- **Bechtel Pueblo Team employs 172 people**
 - Pueblo: 130
 - Other locations: 42
- **Approximately 100 “locals” on the job**
 - Bechtel Pueblo Team: 23
 - Subcontractors: 75 – 100 per day



Acquisition Awards Status

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Total Awards - \$62.7 Million

- \$26.8 Million to Businesses in Pueblo County
- \$17.1 Million to Colorado Businesses (Outside Pueblo County)
- \$18.8 Million to Businesses Outside Colorado

70% of Awards to Pueblo County & Colorado Businesses

- 43% of Awards to Pueblo County
- 27% of Awards to Colorado Businesses (Outside Pueblo County)

As of 31 May 2007



Acquisition Awards Status

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FY 2007 Upcoming Awards:

- Multi-purpose Building (Civil)
- Shop Fabricated Tanks
- Bulk Pipe, Valves, Fittings and Flanges
- Reinforcing Steel (rebar), Structural Steel
- Fabricated Pipe (Carbon steel, Stainless steel, Hastalloy)
- Unarmed Guard Services
- Miscellaneous Construction Services to Include:
 - Ice Services, Bottled Water Services, Fabrication Services, Welding Supplies, Construction Lumber, Bottled Gases, and Paint/Sandblasting, Bulk Structural Shapes



Multi-Purpose Building

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The Multi-Purpose Building:

- First “vertical construction” on the plant site
- Approximately 40,000 square feet
- Current awards:
 - Building shell: Industrial Constructors and Managers, Inc., Pueblo, CO, \$1.6 million
 - Architect/engineer services: AES Group, Parker, CO, \$200,000
- Future awards:
 - Civil/Foundation
 - Plumbing
 - Electrical
 - Mechanical
 - Finish



Construction Update

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- **Stage 1A**
 - Road - 100% complete
 - Fence - 100% complete
 - Access Control Point – 89% complete
- **Stage 1B**
 - Electrical Duct banks - 94% complete
 - Site clearing/Stormwater control - 78% complete
 - Underground Utilities - 41% complete
 - Temp Power/High Mast Lights – 38% complete
- **Stage 2**
 - Multi-Purpose Building – *Awarded in April, subcontractor mobilizing*
 - Gas Supply Line – *May award*
 - Utility Building – *June award*
 - Substation Upgrade
 - Control and Support Building
 - Planning to start direct-hire construction Sept '07



Power and lights coming to site

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These copper cables are being installed as part of the new electrical power and high-mast lighting for the construction site.





Northwest Passage Access Road

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**Road is complete and will open in the spring
when the new Access Control Point is operational.**



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Access Control Point

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Vehicle Inspection Station



Identification and Registration Building



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Erosion Control

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A workman from Total Terrain, Inc. seeds an area excavated and refilled during installation of underground utilities to the Access Control Point



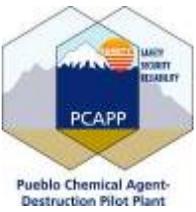
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Stormwater Control

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The stormwater system will control runoff from the plant site



Springtime In The Rockies

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Heavy rains in April provided a good test of the construction storm water control system. The drainage system and detention basin worked as designed.





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CAC Site Tour

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Members of the Colorado Chemical Demilitarization Citizens' Advisory Commission, along with representatives of the Colorado Department of Public Health and Environment, toured the construction site April 23.



County Commissioners Site Tour

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Pueblo County Commissioners Anthony Nunez (left) and Jeff Chostner (center) receive a first hand update on construction progress from Bechtel Pueblo project manager Paul Henry during their June 5 tour of the site.

