



Pueblo Chemical Agent-
Destruction Pilot Plant

December 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.**

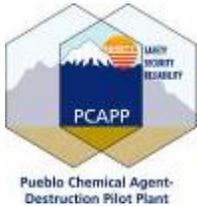


Safety

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PCAPP employees have worked more than **2.8 million job hours** without a lost-time injury





“Think Green” Team

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- **Multidisciplinary team**
 - Voluntary
 - Composed of Government and contractor team members

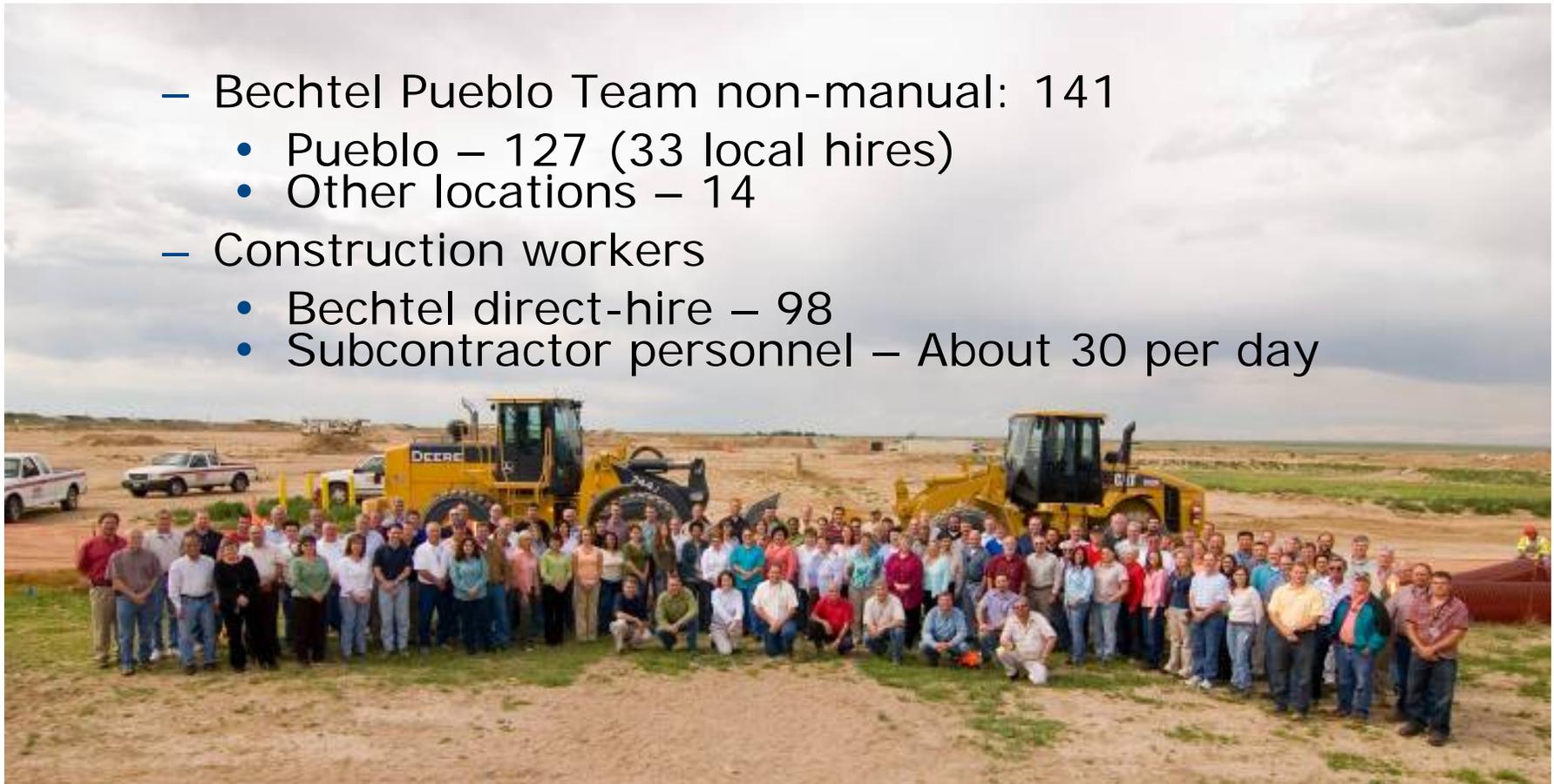
- **Focused on identifying, evaluating, and promoting cost effective sustainable development initiatives, including:**
 - Recycling
 - Car pooling
 - Energy efficient lighting
 - Product substitution
 - Recycled content products
 - Water efficient sanitary facilities
 - Bio-fuels
 - Sequencing work to reduce waste
 - Planning for plant closure

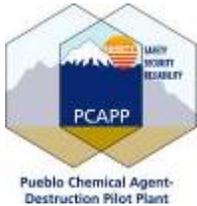


Staffing

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- Bechtel Pueblo Team non-manual: 141
 - Pueblo – 127 (33 local hires)
 - Other locations – 14
- Construction workers
 - Bechtel direct-hire – 98
 - Subcontractor personnel – About 30 per day





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 - \$86.9 Million

- \$32.1 Million to Businesses in Pueblo County
- \$27.9 Million to Colorado Businesses (Outside Pueblo County)
- \$26.9 Million to Businesses Outside Colorado

69% of Awards to Pueblo County & Colorado Businesses

- 37% of Awards to Pueblo County
- 32% of Awards to Colorado Businesses (Outside Pueblo County)

As of 30 November 2007

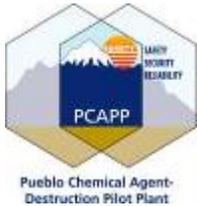


Acquisition Awards Status

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FY 2008 Upcoming Awards:

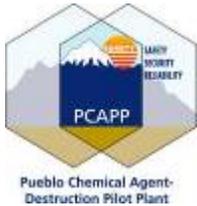
- Sanitary Sewage Pump Lift Station
- Structural Steel & Miscellaneous Metals
- Fabricated Pipe (Carbon steel, Stainless steel, Hastalloy)
- Multipurpose Building – Finishing & Plumbing
- Multipurpose Building – Mechanical
- Multipurpose Building - Electrical



Construction Status

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- Access road and fence complete
- Electric duct bank complete
- Access Control Point to open shortly
- Underground utilities 97%
- Temporary power and high-mast lights 96%
- Storm Water Control System 87%
- Equipment laydown area 80%
- Multipurpose Building
 - Design 71%
 - Civil Work 36%
 - Structure 18%
- Fire Detection System 19%
- Natural gas supply line 2%



Construction Site Tour

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Site project manager Gary Anderson (second from right) briefs Congressional staff members and local officials on a Dec. 13 construction site tour while Bechtel Pueblo construction manager Ed Snatchko (right) keeps an eye out for safety.

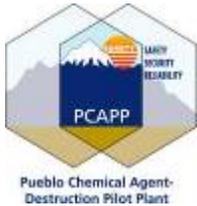


Current Construction

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First concrete pour by Bechtel Pueblo direct hire construction team. Workers are installing concrete slab to support tank that will hold caustic liquid used in the neutralization process.



Current Construction

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Concrete is pumped to fill around electrical ductwork in foundation of the Agent Processing Building (left). Workers measure depth of concrete (right).

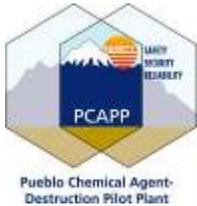


Current Construction

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Concrete is delivered by local suppliers to pump station for backfilling around electrical ductwork in foundation of the Agent Processing Building.



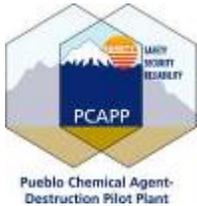
Current Construction

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Working in subfreezing temperatures, ironworkers install rebar (left) for concrete pad that will support the process water tank. Crane (right) is used to lift rebar into place.





Current Construction

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New construction entrance accommodates increased truck traffic as pace of work picks up.



Current Construction

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New high-mast lights illuminate the site during early morning and late afternoon work hours on short winter days. Photo shows PCAPP site looking southwest, with Spanish Peaks visible to left in distance.

