

Pueblo Chemical Agent-
Destruction Pilot Plant

November 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 **2.7 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

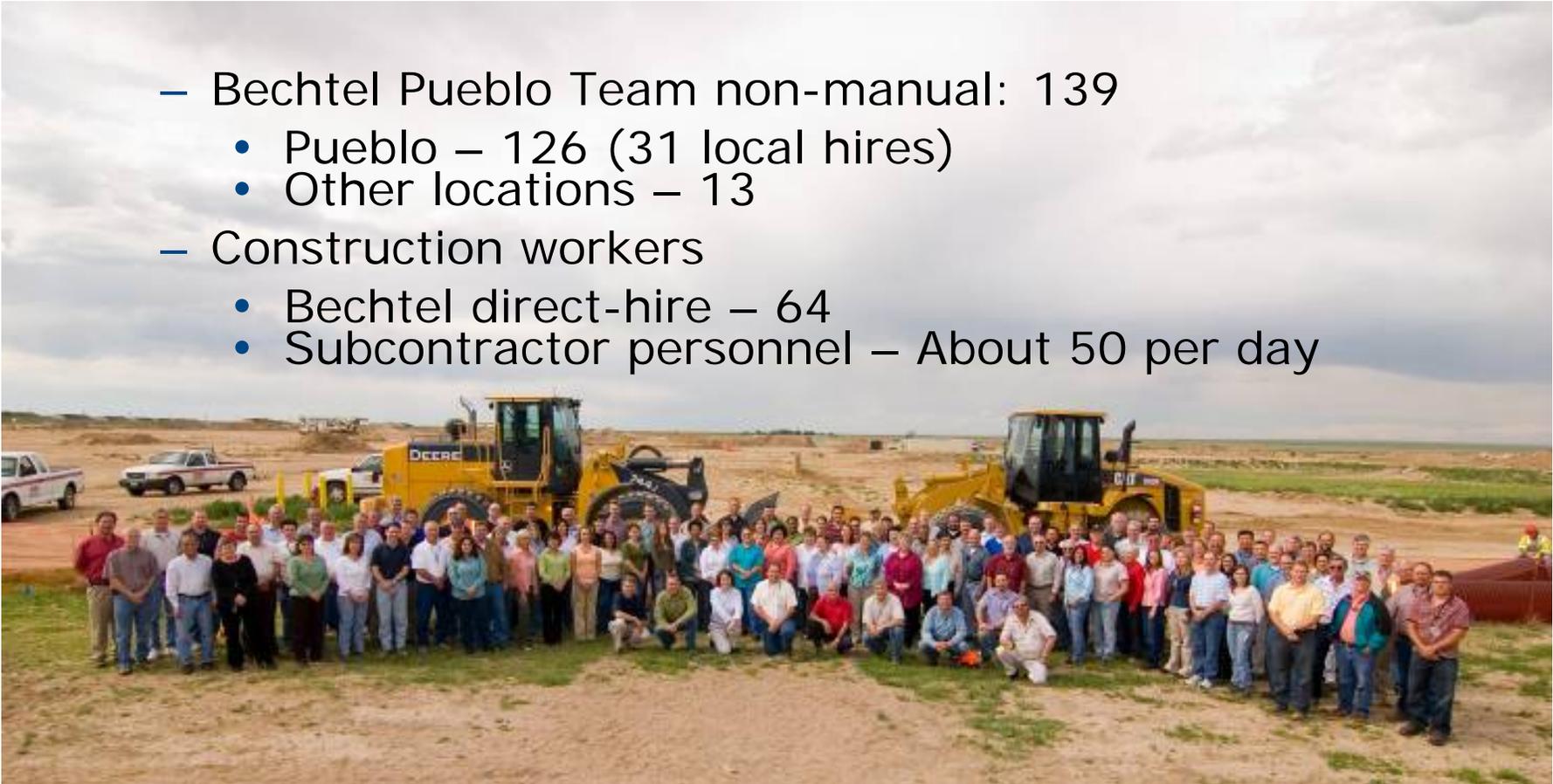


Pueblo Chemical Agent
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Staffing

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- Bechtel Pueblo Team non-manual: 139
 - Pueblo – 126 (31 local hires)
 - Other locations – 13
- Construction workers
 - Bechtel direct-hire – 64
 - Subcontractor personnel – About 50 per day



Project Management Team

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Top Pueblo managers review drawings from recently completed design package. 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 - \$82.6 Million

- \$31.5 Million to Businesses in Pueblo County
- \$24.8 Million to Colorado Businesses (Outside Pueblo County)
- \$26.3 Million to Businesses Outside Colorado

68% of Awards to Pueblo County & Colorado Businesses

- 38% of Awards to Pueblo County
- 30% of Awards to Colorado Businesses (Outside Pueblo County)

As of 31 October 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)
- Electrical Cable Pulling Equipment
- 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 95%
- Temporary power and high-mast lights 93%
- Equipment laydown area 80%
- Multipurpose Building 9%
- Natural gas supply pipeline 3%

Current Construction

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PCAPP PROJECT FIRST POUR



On October 23, 2007, Bechtel Pueblo Team's direct-hire construction workers successfully completed their first concrete pour

Current Construction

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



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Current Construction

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**Back-filling the excavation for an
underground utilities trench**

Current Construction

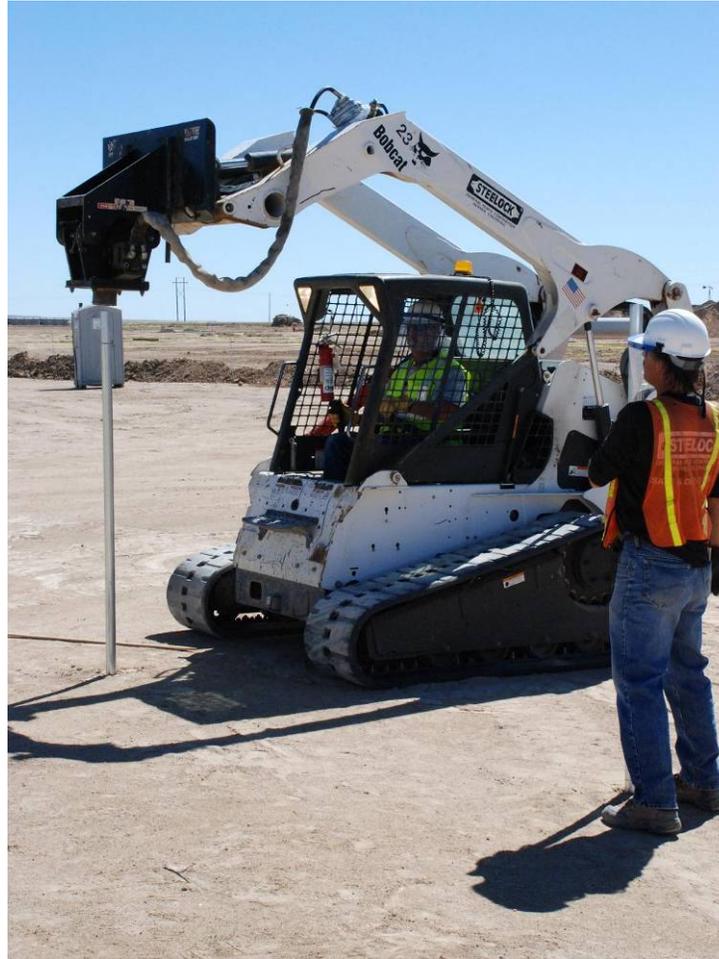
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A “jumping jack” earth compactor is used to tamp down the earth over a recently back-filled utilities trench

Current Construction

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Workers from Denver-based Steelock General Fence, a Bechtel Pueblo Team subcontractor, install chain link fence posts around the construction site

