



Pueblo Chemical Agent-
Destruction Pilot Plant

February 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
2.3 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.



Project Staffing

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- **Bechtel Pueblo Team employs 216 personnel located as follows:**
 - **Pueblo: 103 (20 local hires)**
 - **San Francisco: 43**
 - **Frederick, MD: 70**
- **Subcontractor construction workers on site: 30 – 60 each day**



Acquisitions

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As of 29 January 2007:

- **Total Awards - \$ 51.0 Million**
 - \$22.4 Million to Businesses in Pueblo County
 - \$12.1 Million to Colorado Businesses (outside Pueblo County)
 - \$16.5 Million to Businesses outside Colorado

- **68% of Awards Went to Local/Regional Firms**
 - 44% Local Spend (Pueblo County)
 - 24% Regional Spend (in CO, outside Pueblo County)



Recent Awards

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Underground utilities

- K.R. Swerdfeger; Pueblo, CO
- Awarded 28 December 2006
- Anticipated start date 12 February 2007
- Approximate value \$4.9 Million

Construction Power, Lighting, Communications

- Guarantee Electrical Contracting; Aurora, CO
- Awarded 25 January 2007
- Anticipated start date 12 March 2007
- Approximate value \$3.8 Million



Upcoming Acquisitions

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- **Natural Gas Pipeline**
- **Prefabricated Buildings**
- **Construction Trailers & Temporary Facilities**
- **Electronic Surveillance System**
- **Fire Detection & Suppression**
- **Electrical Bulk Materials**
- **Shop Fabricated Piping, Fittings and Flanges**
- **Reinforcing Steel**
- **Misc. Services (Janitorial, Unarmed Guards, Construction Equipment Rentals)**



Construction Update

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■ Stage 1A

- Road - Complete
- Fence - Complete
- Access Control Point – Scheduled to open this spring

■ Stage 1B

- Site clearing – 62% complete
- Duct banks – 35% complete



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.**



Pueblo Chemical Agent
Destruction Pilot Plant

Access Control Point

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Vehicle Inspection Station



Identification and Registration Building



Site Clearing and Grading

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**Progress continues despite successive blizzards
in December and January**



Electrical Duct Banks

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Workers from Gash Electric install reinforcing rods around conduits in preparation for pouring concrete



Stormwater Control

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Bechtel construction engineer Ron Girard inspects culverts that will be part of the stormwater control system



Stormwater Control

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The stormwater system will control runoff from the plant site



Stormwater Control

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Workers from RBK Construction place culverts



Stormwater Control

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Global positioning system is used to place culverts at proper elevation



Multipurpose Building

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Survey stakes mark outline of the Multipurpose Building, which will be used for warehousing and maintenance activities



Upcoming Construction

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Stage 2

- **Multi-Purpose Building**
- **Control Support Building**
- **Utility Building**



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PCAPP Final Design