

# Monthly Status Briefing

*February 2009*



Pueblo Chemical Agent-Destruction Pilot Plant

**PCAPP**  
Pueblo Chemical  
Agent-Destruction Pilot Plant

A PARTNERSHIP FOR SAFE CHEMICAL WEAPONS DESTRUCTION

# Project Background



- **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.**



# Staffing

- **Bechtel Pueblo Team non-manual: 248**
  - Pueblo – 241 (80 local hires)
  - Other locations – 7
- **Construction Workers:**
  - Bechtel direct hire – 185
  - Subcontractor personnel – 63



# Acquisition Awards Status



## Subcontracts Awarded by Bechtel Pueblo Team

(Inception to Date, as of Jan. 31, 2009)

### Total Awards - \$176.2 Million

- \$59.8 Million to Businesses in Pueblo County
- \$35.8 Million to Colorado Businesses (Outside Pueblo County)
- \$80.6 Million to Businesses Outside Colorado

### 54% of Awards to Pueblo County & Colorado Businesses

- 34% of Awards to Pueblo County
- 20% of Awards to Colorado Businesses (Outside Pueblo County)



# Acquisition Awards Status



## FY 2009 Upcoming Awards:

- **Subcontracts**
  - Piping Equipment and Heat Tracing
  - General Painting
  - Medical Trailers
  
- **Materials**
  - Misc. Construction Materials
  - Belt Conveyers
  - Pumps/Centrifugal
  - Pipe Supports
  - Air Compressors and Auxiliaries



# Stage III Permit Modification



**On Nov. 17 the State of Colorado approved a permit modification to the final stage of a three-stage permit, giving the green light to build the main processing facilities.**



# Construction Status

## Complete

- **Multipurpose Building - foundation, shell, siding, roof and site underground utilities**
- **Underground infrastructure**
- **Switch Gear Foundation Pads**
- **Agent Filtration Area and pipe rack foundation**
- **Enhanced Reconfiguration Building – foundation footers and piers**
- **Automated Guided Vehicle Corridor – foundation, curbs & piers**



# Construction Status

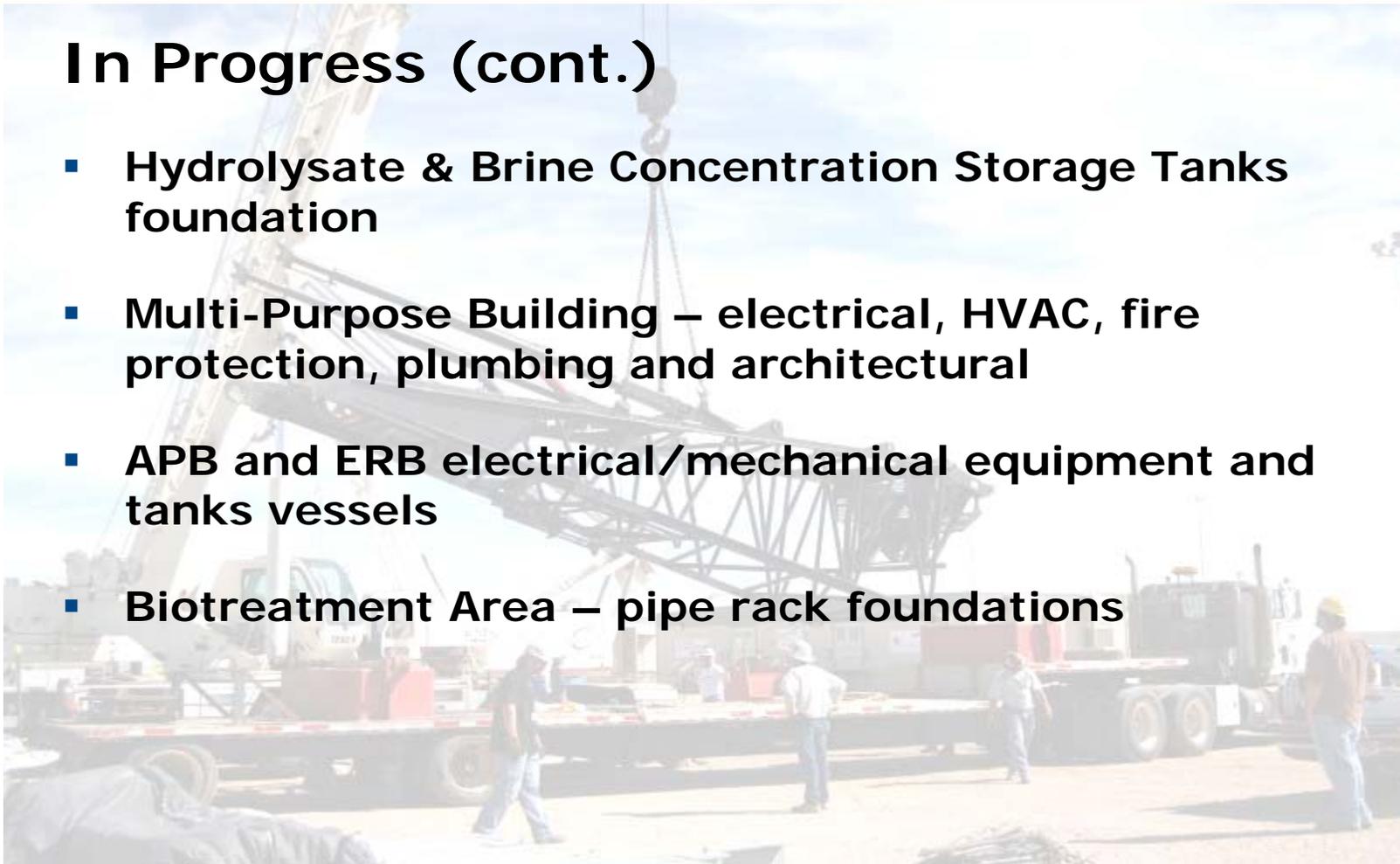
## In Progress

- **Agent Processing Building – structural steel and misc. platform erection; siding and roofing**
- **Enhanced Reconfiguration Building – grade slab, explosive containment room foundation, rebar placement**
- **Pipe Rack – vertical construction, pipe and cable tray**
- **Major equipment placement – cooling tower units, chiller units, electrical switchgear houses**
- **Utility Building – structural steel, siding and roofing**

# Construction Status

## In Progress (cont.)

- **Hydrolysate & Brine Concentration Storage Tanks foundation**
- **Multi-Purpose Building – electrical, HVAC, fire protection, plumbing and architectural**
- **APB and ERB electrical/mechanical equipment and tanks vessels**
- **Biotreatment Area – pipe rack foundations**



# PCAPP Site Overview



Northwestern Corner - Observation Point

- 1 Pipe Rack
- 2 Agent Processing Building
- 3 Automated Guided Vehicle Corridor
- 4 Future Enhanced Reconfiguration Building

# Agent Processing Building

December 2008

Bechtel construction workers prepare to top off the 65,000 square foot Agent Processing Building with an Evergreen tree. An ironworker tradition, a tree is placed atop a structure when the uppermost beam has been hoisted in place.



Public Chemical Agent  
Destruction Plant Fund

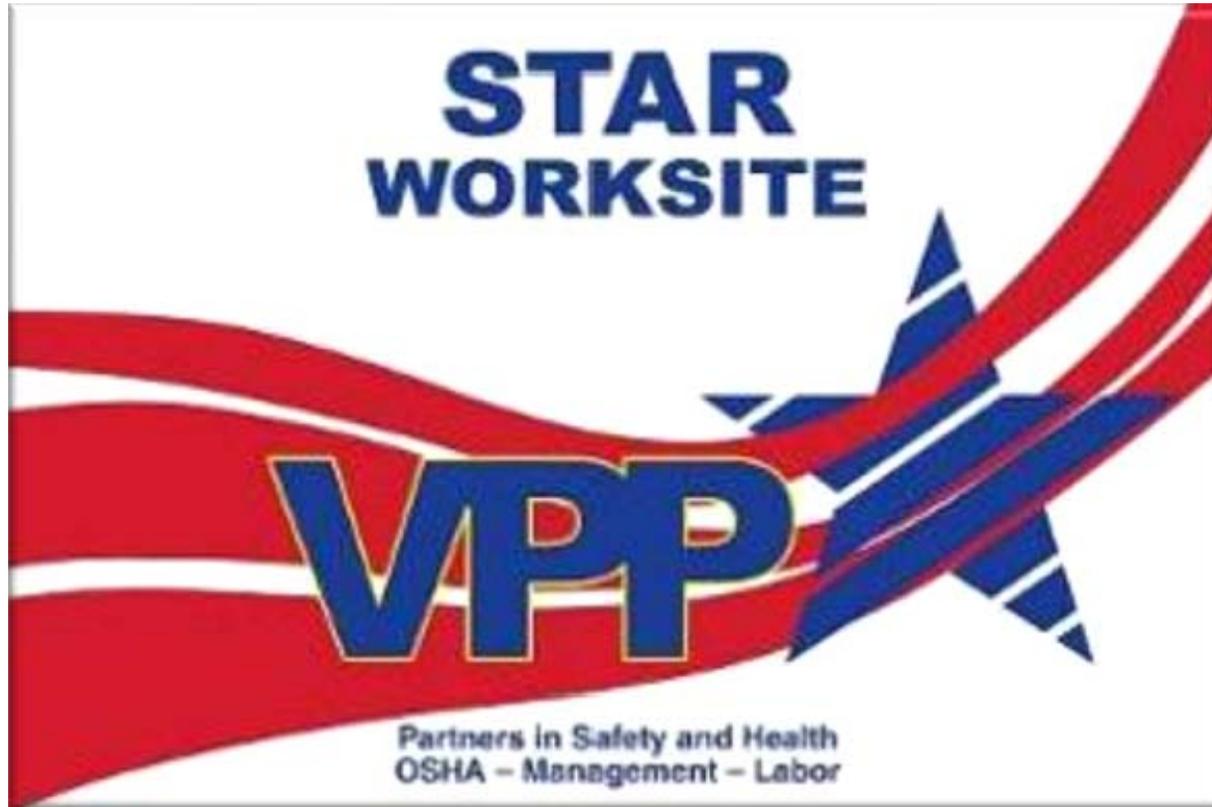
OPSEC Complete 5 Feb 2009

# Automated Guided Vehicle Corridor

Work continues on the Automated Guided Vehicle Corridor (AGV). A remote-controlled vehicle will transport the munitions (minus the explosive components) from the Enhanced Reconfiguration Building to the Agent Processing Building.



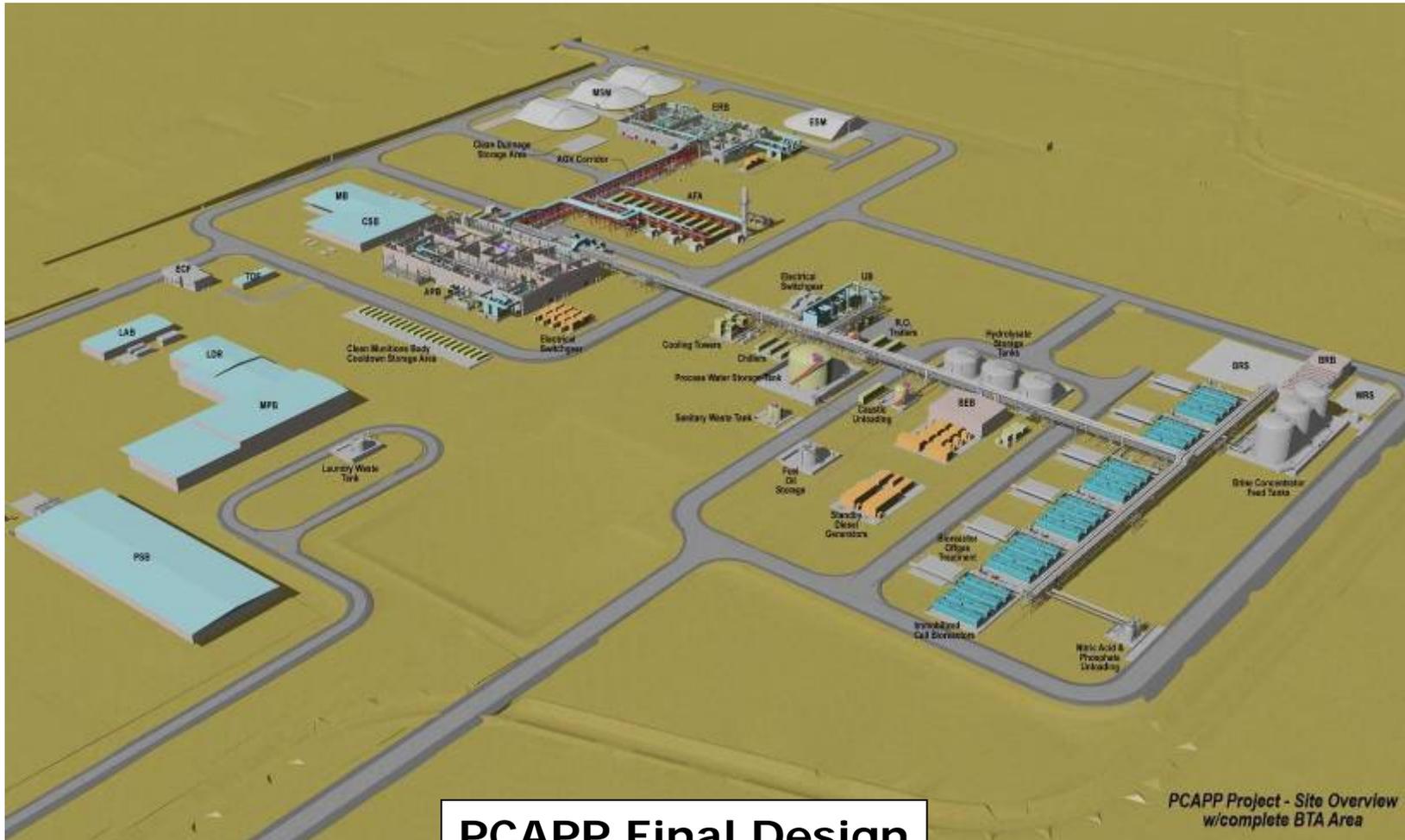
# Voluntary Protection Program



On February 18, 2009, the Pueblo Chemical Agent-Destruction Pilot Plant project was recognized by the U.S. Dept. of Labor's Occupational Safety and Health Administration (OSHA) for receiving Star Status in their Voluntary Protection Program (VPP).

Through VPP, OSHA recognizes excellent safety and health management systems.

# Pueblo Chemical Agent-Destruction Pilot Plant



Pueblo Chemical Agent-Destruction Pilot Plant



OPSEC Complete 5 Feb 2009