

Monthly Status Briefing

January 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: 239**
 - Pueblo – 232 (78 local hires)
 - Other locations – 7
- **Construction Workers:**
 - Bechtel direct hire – 176
 - Subcontractor personnel – 50



Acquisition Awards Status



Subcontracts Awarded by Bechtel Pueblo Team

(Inception to Date, as of Dec. 31, 2008)

Total Awards - \$174.3 Million

- \$58.7 Million to Businesses in Pueblo County
- \$35.4 Million to Colorado Businesses (Outside Pueblo County)
- \$80.2 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

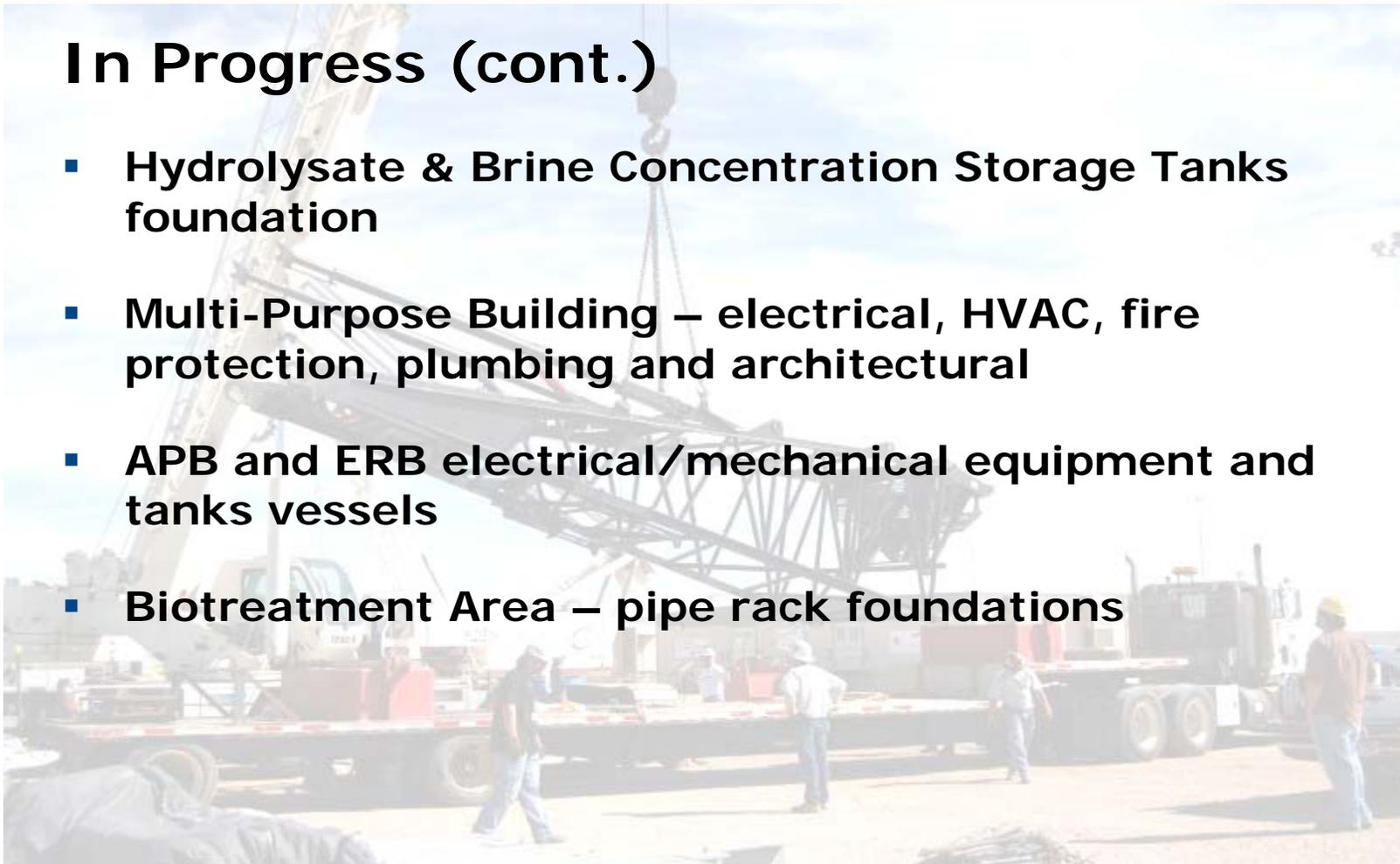
- **Agent Processing Building – structural steel and misc. platform erection; siding and roofing**
- **Enhanced Reconfiguration Building – grade slab, explosive containment room foundation, rebar placement**
- **Pipe Rack – vertical construction, pipe and cable tray**
- **Major equipment placement –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



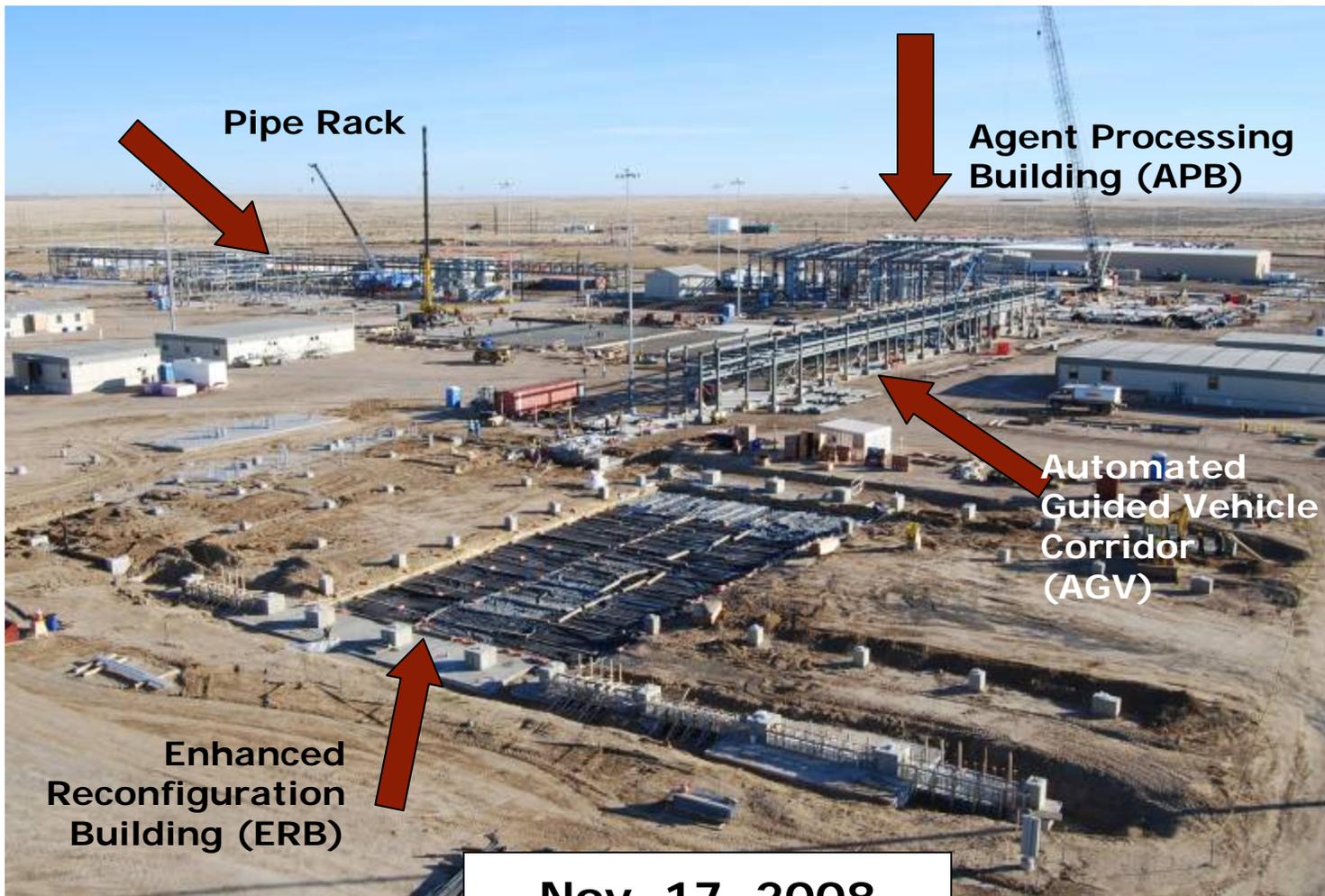
Construction Status

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**



Aerial View



Agent Processing Building



The 65,000 square foot Agent Processing Building, where the chemical agent will be neutralized, is a hub of activity as structural steel starts to enclose its four large vessels and tanks.

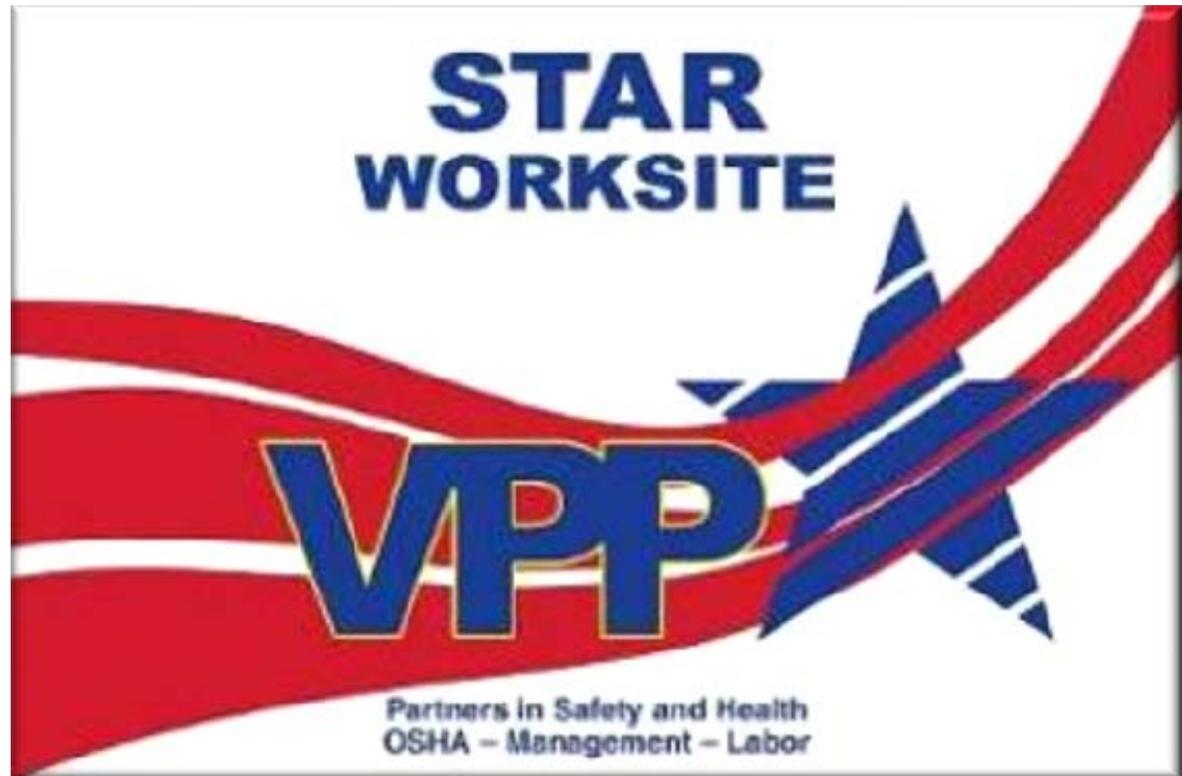
Pipe Rack



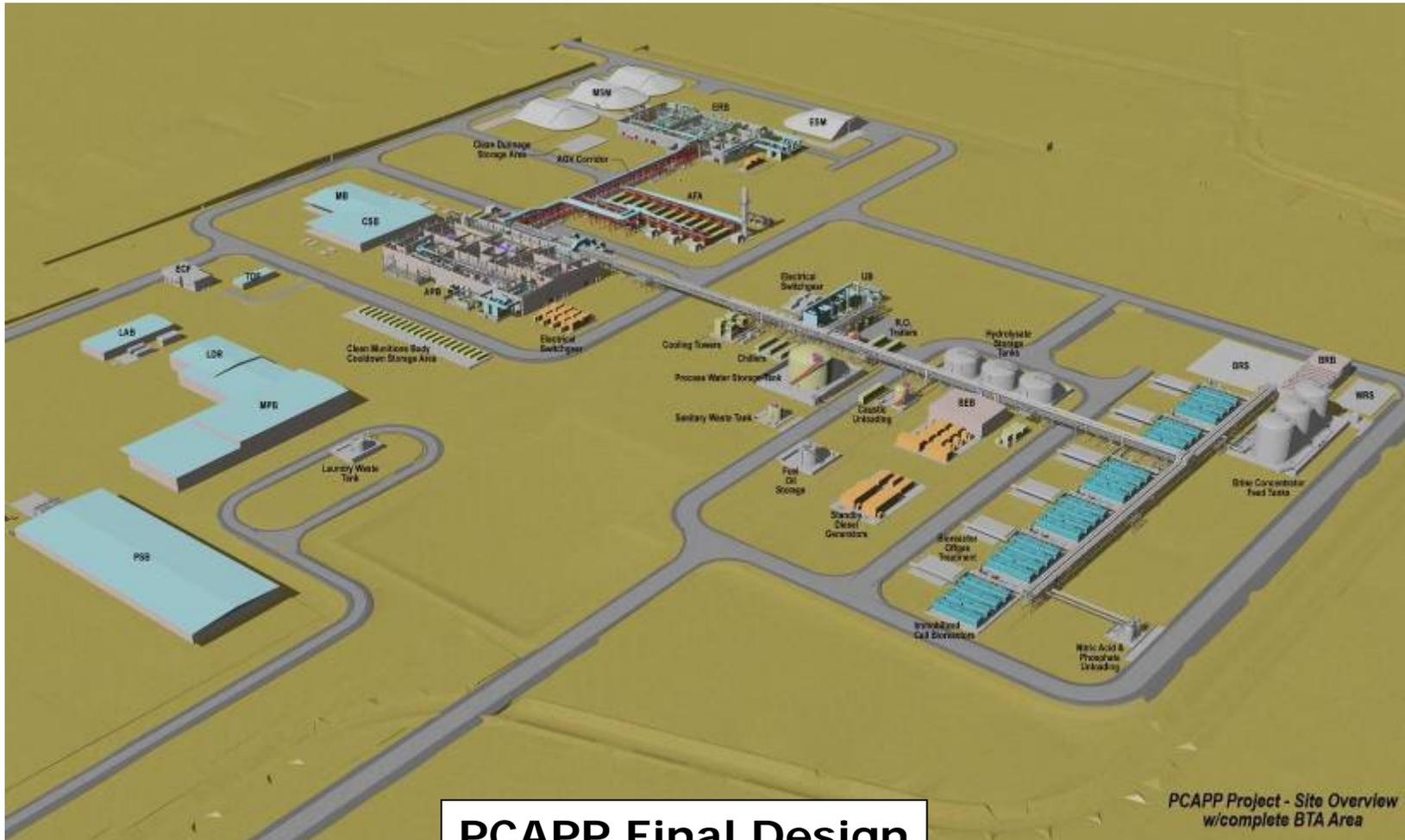
Bechtel construction workers install the structural steel frame of the Pipe Rack. The Pipe Rack will support utilities and piping to the chemical weapons destruction project.

Voluntary Protection Program

- The Voluntary Protection Program (VPP) is a partnership between management, the workforce and the Dept. of Labor's Occupational Safety and Health Administration (OSHA)
- Through VPP, OSHA recognizes workplaces with excellent safety and health management systems



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OPSEC Complete 9 Jan 2009