

# PUEBLO

A PARTNERSHIP FOR SAFE CHEMICAL WEAPONS DESTRUCTION

## PCAPP OPERATIONS:

### DISASSEMBLY/NEUTRALIZATION/BIOTREATMENT TAKES PLACE IN THREE MAIN PLANT AREAS

#### 1. ENHANCED RECONFIGURATION BUILDING

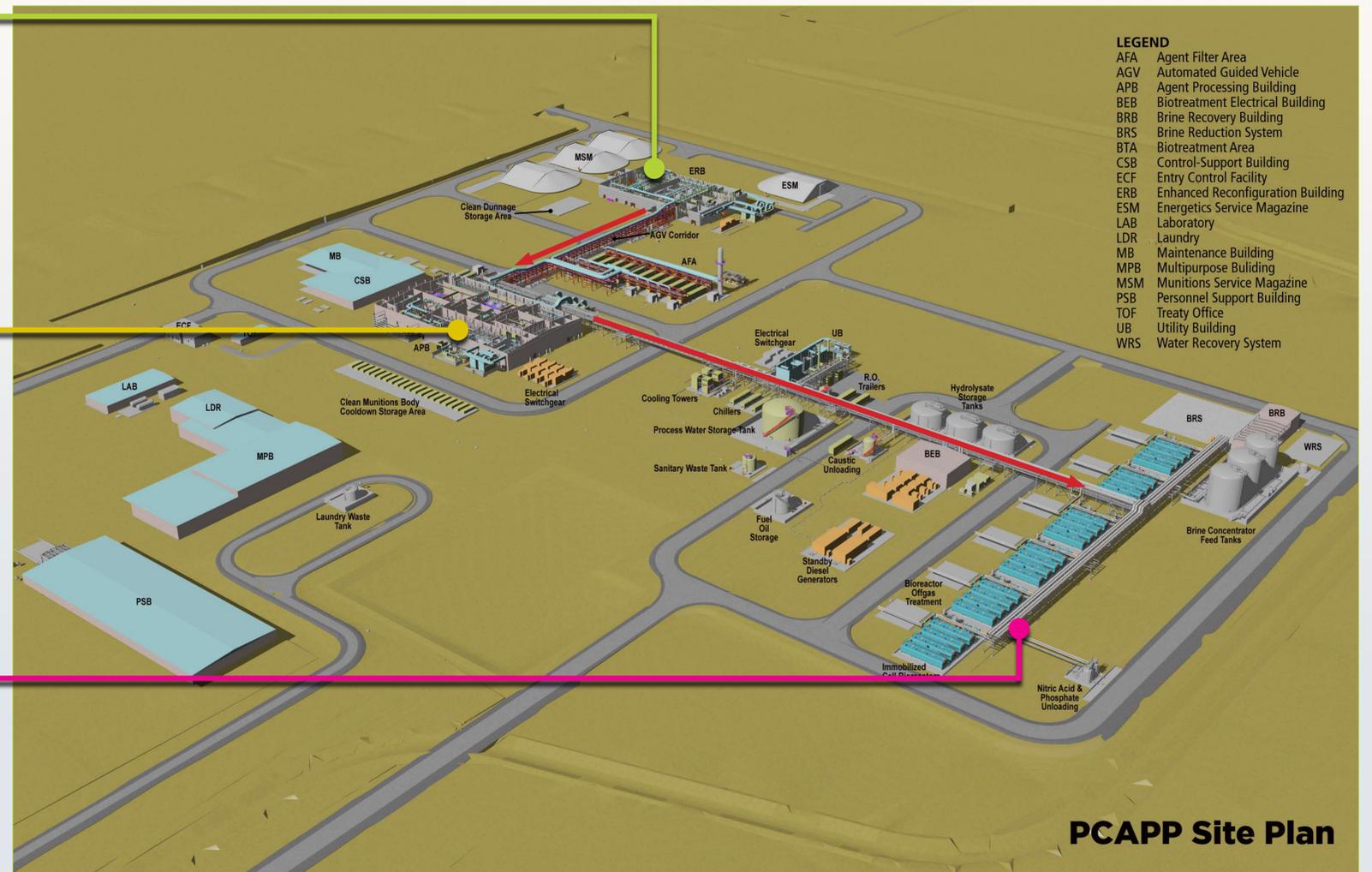
- Munitions brought from storage unpacked
- Energetics (propellant, fuzes and bursters) removed
- Uncontaminated energetics will be shipped off site for treatment
- Mmunition bodies transferred to Agent Processing Building via Automated Guided Vehicle

#### 2. AGENT PROCESSING BUILDING

- Agent washed from munitions with high-pressure water
- Agent neutralized with hot water in large titanium reactor vessels
- Hydrolysate transferred to Biotreatment Area
- Munitions bodies are thermally treated and shipped for recycling

#### 3. BIOTREATMENT AREA

- Hydrolysate fed to microbes in bioreactors
- Microbes eat mixture; byproducts are a variety of salts
- Salts dried and shipped to permitted disposal facilities
- Water recycled back into the plant



Pueblo Chemical Agent-  
Destruction Pilot Plant