



# Central Plateau, Inner Zone



The inner zone of the Central Plateau represents 10 square miles at the center of Hanford. Recovery Act funding will be used to accelerate construction of pump-and-treat systems to improve groundwater cleanup in the 200 West area. In addition funding will be used to prepare the Plutonium Finishing Plant for demolition and to tear down numerous facilities in 200 East and West areas. Plus, new disposal cells will be developed at Hanford's lined disposal facility to handle increased waste generated by Recovery Act projects.



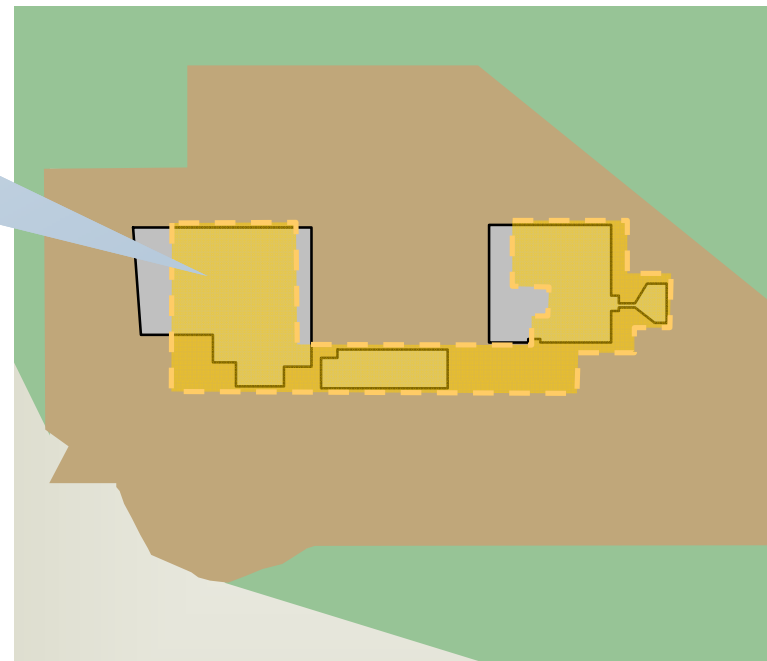
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safety ❖ performance ❖ cleanup ❖ closure



## Central Plateau Inner Zone (~10 sq. mi.)

- Plutonium Finishing Plant
  - Remove glove boxes, laboratory hoods, and pencil tanks
  - Facilities prepared for demolition



Apportioned ARRA Funding for  
Plutonium Finishing Plant -- \$317M



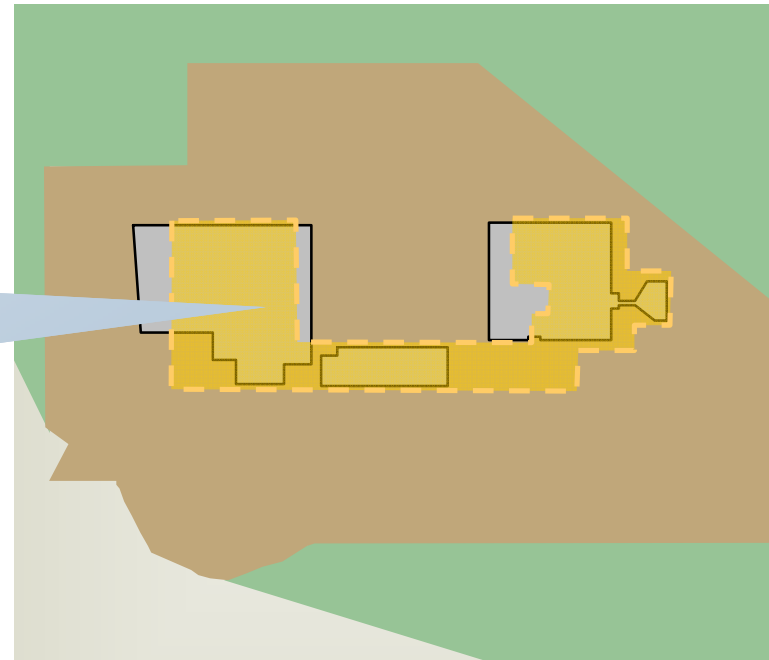
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## Central Plateau Inner Zone (~10 sq. mi.)

- U Plant Canyon
  - Demolish 5 remaining ancillary facilities
  - Disposition Cell 30 tank contents
  - Clear off canyon deck and grout-fill cells



Apportioned ARRA Funding for  
Central Plateau D&D and Soil  
Remediation -- \$423M



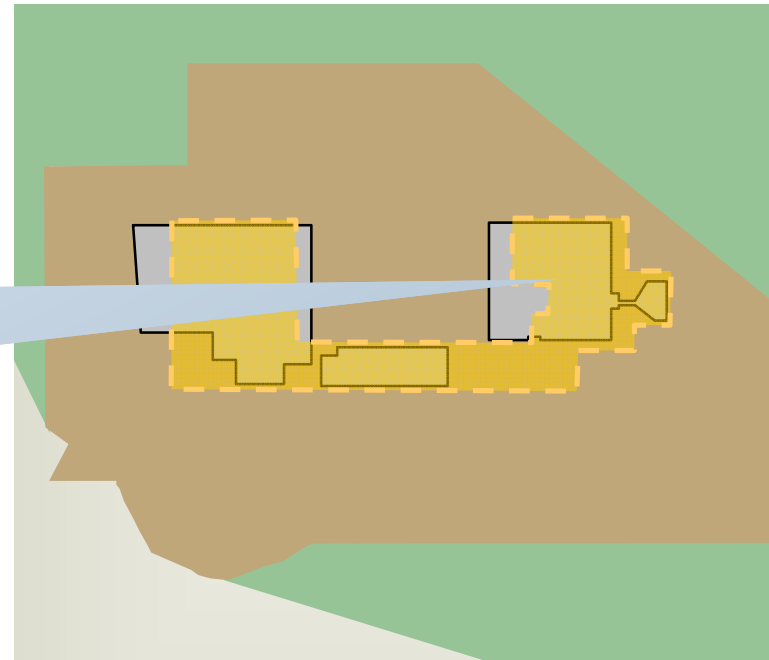
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## Central Plateau Inner Zone (~10 sq. mi.)

- Facility Demolition
  - Demolish 14 industrial facilities in 200 East and West Areas
  - Demolish 209-E Facility (plutonium criticality laboratory) in 200 East Area



Apportioned ARRA Funding for  
Central Plateau D&D and Soil  
Remediation -- \$423M



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## Central Plateau Inner Zone (~10 sq. mi.)

- Groundwater Remediation
  - Accelerate construction of pump & treat system for groundwater contaminants in both 200 West Area operable units
    - Objective is to contain / treat carbon tetrachloride, technetium-99 and uranium
    - Contain contaminants to the Central Plateau
    - Restore groundwater to highest beneficial use (drinking water standards)

Apportioned ARRA Funding for all Groundwater Remediation -- \$146M



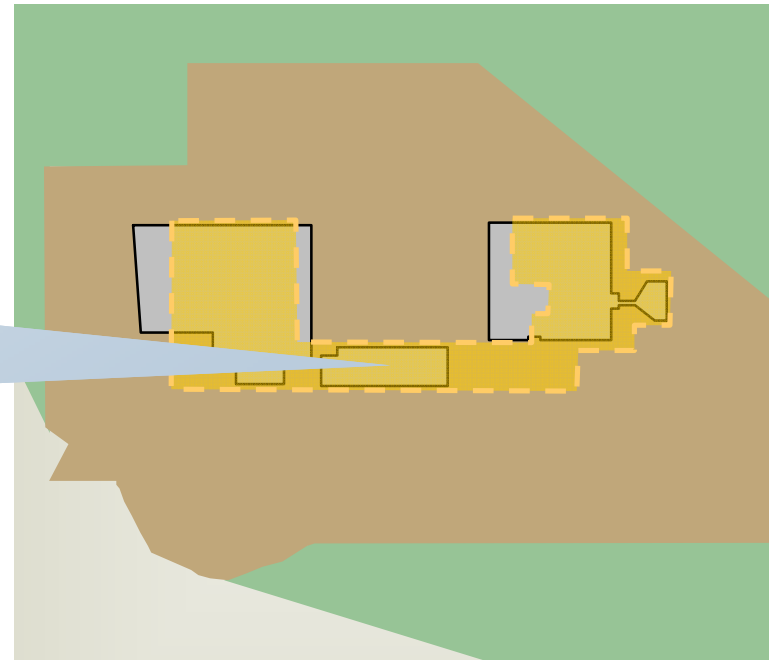
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## Central Plateau Inner Zone (~10 sq. mi.)

- Environmental Restoration Disposal Facility (ERDF)
  - Construct two new disposal cells (9 and 10)
  - Expand operations to accommodate additional disposal activities



Apportioned ARRA Funding for River Corridor Project  
Decontamination and Decommissioning (Estimated  
\$176M out of total \$442M)



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## Central Plateau Inner Zone (~10 sq. mi.)

- Transuranic (TRU) and Solid Waste
  - Continue retrieving and repackaging contact-handled TRU waste
  - Continue retrieval of remote-handled TRU waste
  - Continue building backlog of waste for shipments to the Waste Isolation Pilot Plant
  - Upgrade T Plant (e.g., canyon crane, epoxy floor)
  - Complete treatment of current backlog of legacy mixed, low-level waste
  - Transport plutonium 238 drums off-site

Apportioned ARRA Funding for Solid Waste Stabilization and Disposition -- \$229M



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