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American Reinvestment and Recovery Act (ARRA)

Proposed Projects at Technical Area 21

March 25, 2009

ARRA Purpose

- “ARRA is in response to a crisis unlike any since the Great Depression”
- Signed into law on February 17, 2009
 - Purpose/goal includes:
 - Preserving and creating jobs
 - Promoting economic recovery
 - Investing in environmental protection
- Act provides for unprecedented levels of transparency and accountability for how dollars are spent
 - All projects will receive close oversight by Inspector General (IG)
- The website, Recovery.gov, will be a vehicle for citizens to monitor progress of ARRA projects

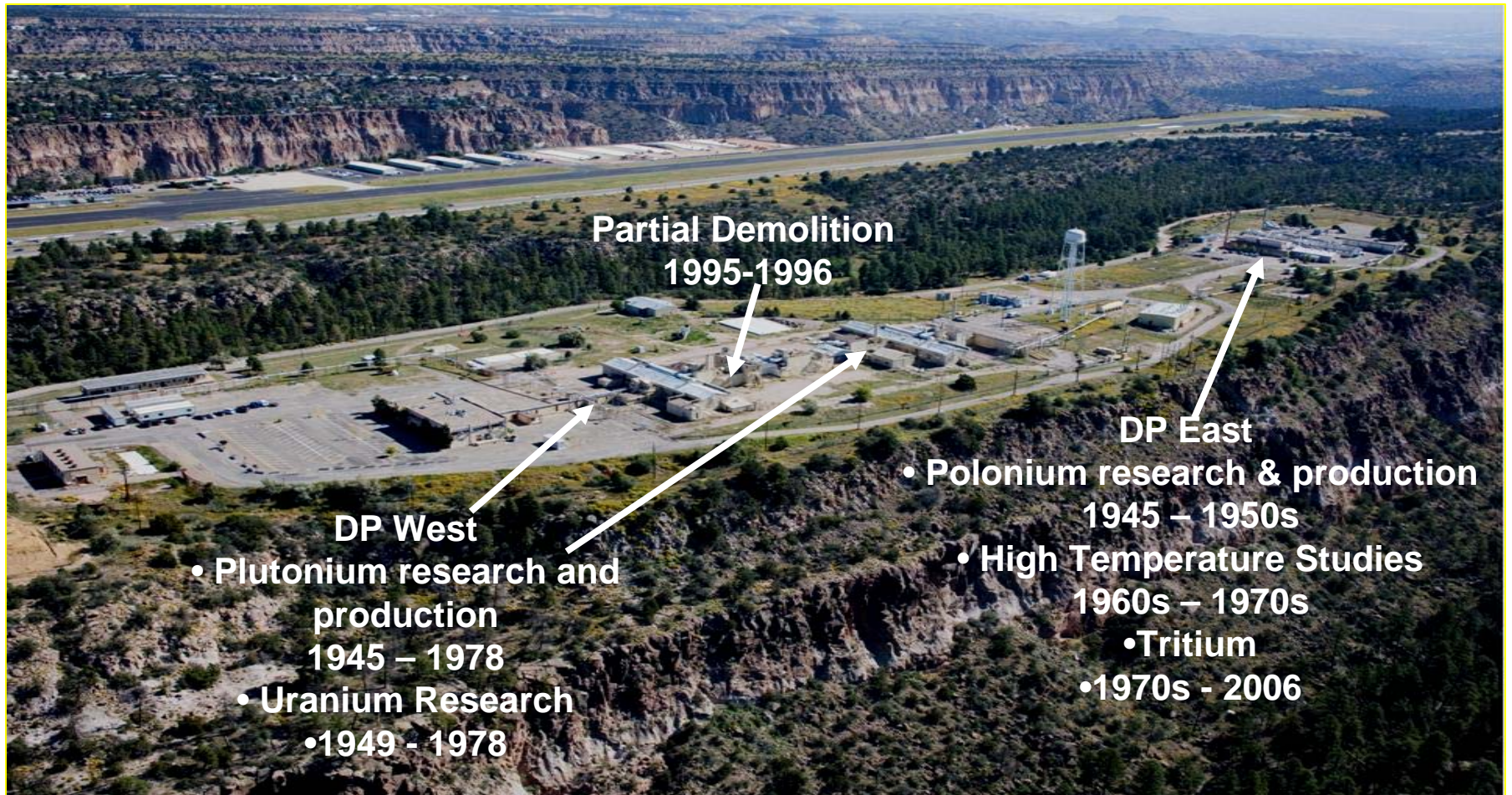
Project Selection Criteria and Management Approach

- Environmental Management projects with greatest potential for receiving funds must:
 - Have high potential for creating jobs
 - Reduce EM footprint/liability
 - Provide opportunity for land reuse
 - Be “Shovel ready” (Projects must be complete by FY11)
- LASO/LANS approach includes establishing dedicated project teams
 - Teams will be “tooled” to manage and track ARRA

Anticipated Stimulus Projects

- Decontamination and decommissioning (D&D) projects
 - DP Site West
 - DP Site East
 - Tritium Systems and Test Assembly (TSTA)
- Soil remediation project
 - Material Disposal Area B

TA-21 Overview



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Technical Area 21 Skyline



D&D of DP Site West

- Manhattan Era Project Construction
 - Plutonium/uranium research and production thru 1970s
- D&D of ten buildings and ancillary structures
 - ~105,000ft² footprint reduction
- 40-80 new jobs
- Includes below ground contamination removal
 - Industrial waste lines
 - Deferred SWMUs
- Open air monitored demolition and excavation
 - Hazardous waste removal
 - DP West D&D
 - Industrial waste lines/soil remediation
- Completion date September 30, 2011

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D&D of DP Site West



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Slide 8

D&D of DP Site East

- Manhattan Era Project Construction
 - Polonium, actinide, and tritium research through 2006
- D&D of five buildings and ancillary structures
 - ~46,000ft² footprint reduction
- 35-70 new jobs
- Includes below ground contamination removal
 - Industrial waste lines
 - Deferred SWMUs
- Open air monitored demolition and excavation
 - Hazardous waste removal
 - DP East D&D
 - Industrial waste lines/soil remediation
- Completion date September 30, 2011

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D&D of DP Site East



D&D of TSTA

- Manhattan Era Project Construction
 - Polonium, actinide, and tritium research through 2006
- D&D of one building and four ancillary structures
 - ~16,000ft² footprint reduction
- 15-30 new jobs
- Includes below ground contamination removal
 - Industrial waste lines
 - Deferred SWMUs
- Open air monitored demolition and excavation
 - Hazardous waste removal
 - TSTA D&D
 - Industrial waste lines/soil remediation
- Completion date September 30, 2011

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D&D of TSTA



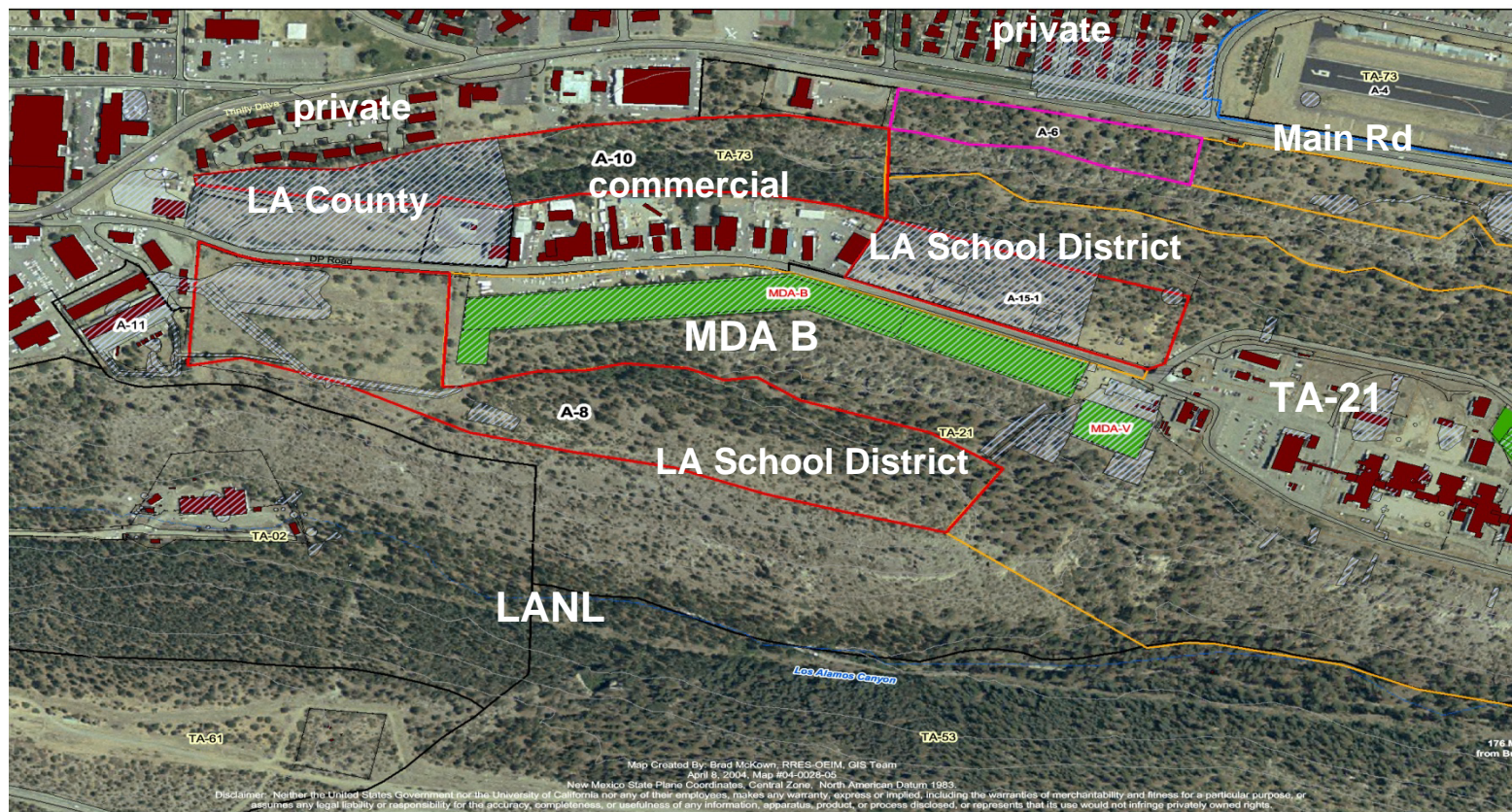
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Removal of MDA B

- Early Laboratory radioactive waste disposal area (1944-1948)
 - Contaminated clothing and laboratory materials
 - Hazardous chemicals
 - ~200 grams of plutonium in ~24,000 cubic yards
- Clean up of ~6 acres to residential standards
 - Currently subcontracted
- Waste retrieval inside filtered enclosures
- ~50-100 new jobs
- Completion date December 31, 2010

MDA B -Just East of Downtown Los Alamos



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Planned MDA B Site Layout



Waste Disposal Options

- Segregation, packaging, and transportation effort
 - Preparations for transport will be performed on DP Mesa
- Largest volume assumed to be low-level waste
 - Anticipate using off-site disposal facilities
- Hazardous and mixed wastes to off-site facilities
 - Nevada, Utah, or Texas
- Industrial wastes to licensed in-state facilities
 - e.g., Rio Rancho

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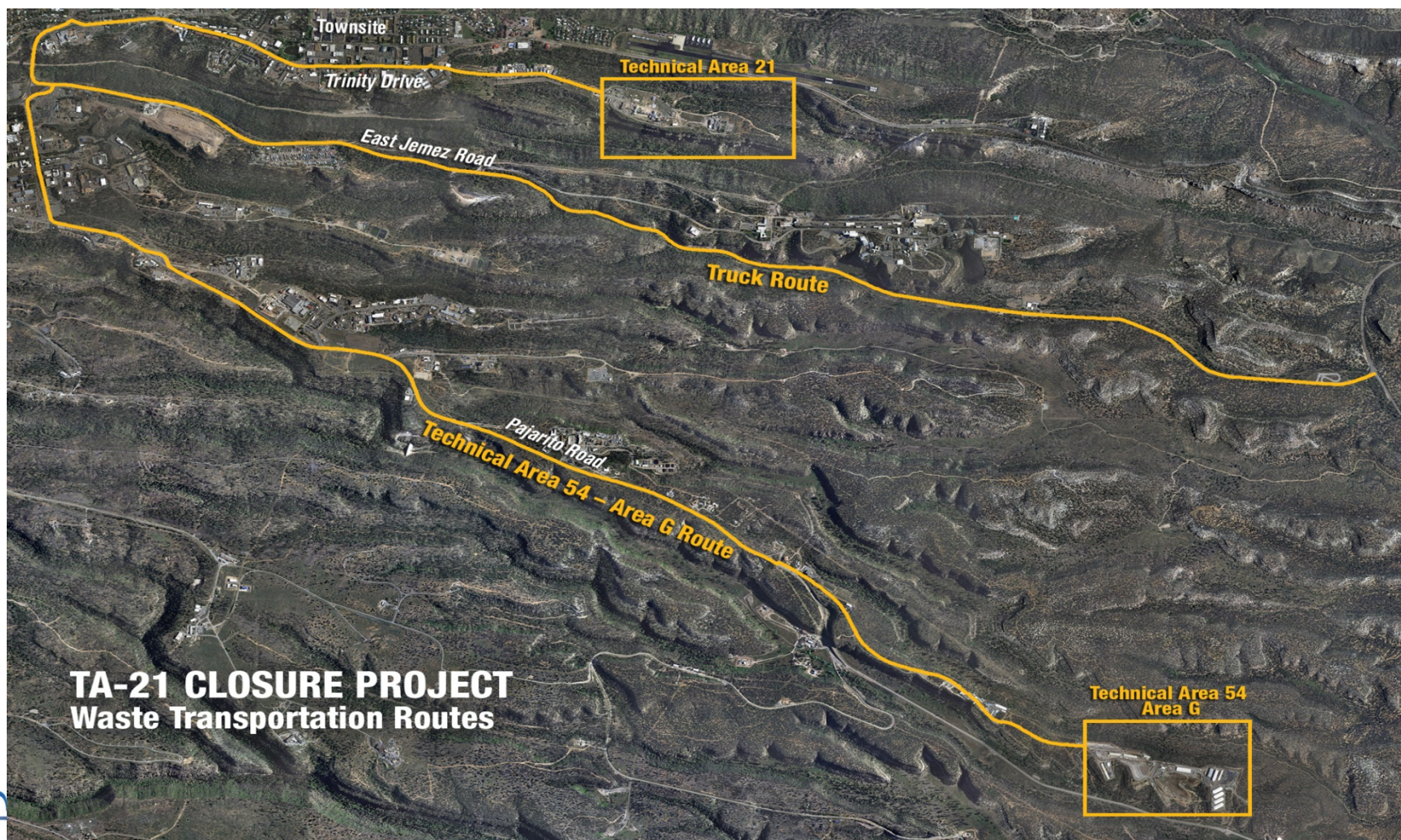
Waste Transportation



Waste Transportation Route

- Trinity Drive to East Jemez Road or Pajarito Road
 - Depends on type of waste
- Already demonstrated safe transportation from DP Mesa
 - 10 shipments a day, 4 days per week for 4 months
 - 11,600 cubic yards without incident
- We will coordinate transportation activities with Los Alamos County and the Pueblos

Waste Transportation Route



TA-21 CLOSURE PROJECT
Waste Transportation Routes

Access To Project Information/Status

- LANL external Web site
 - (www.lanl.gov/environment/cleanup/stimulus.shtml)
- Fact sheets
- Project office hours
- LANL outreach point of contact

LANL/LASO Team Commitment to the Community

- The work will be done safely
 - We've consulted the experts and done our homework
 - Implementing rigorous safety plans
 - Coordination with local emergency organizations
 - DOT compliant waste transportation to off-site disposal
- We will minimize disruptions
 - Advanced notification of events-e.g., impact to parking
 - Use of haul road and off-peak hour shipping
 - Compliance with county rules on noise and light
- The land will be reusable
 - Already transferred some adjacent land

Questions

Thank You

Public Outreach point of contact

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