



M-091 milestone series for Transuranic/Mixed Waste

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Why does it matter?

- Managing TRU waste will “compete” for funding with other work in the 2020s
 - Completion of other work (e.g., cesium-strontium capsules into dry storage) could free-up funds for M-91 work.
 - There will be an increased need for funding in the out years
- DOE was unable to commit to resuming shipments to the Waste Isolation Pilot Plant (WIPP) due to WIPP shutdown after the fire event and slow restart.
 - Hanford shipments were not a DOE priority
 - DOE will now commit to resuming shipments by 2028
- Tri-Party Agreement milestone series M-091 schedules the management of “retrievably stored” transuranic (TRU)/mixed waste (TRU/TRUM)
 - Future cleanup work in buildings and soil will generate more TRU/TRUM, but this is not covered under M-91.
- Transportation goes through Oregon for disposal at WIPP in Carlsbad, New Mexico



Fast Facts/by the numbers

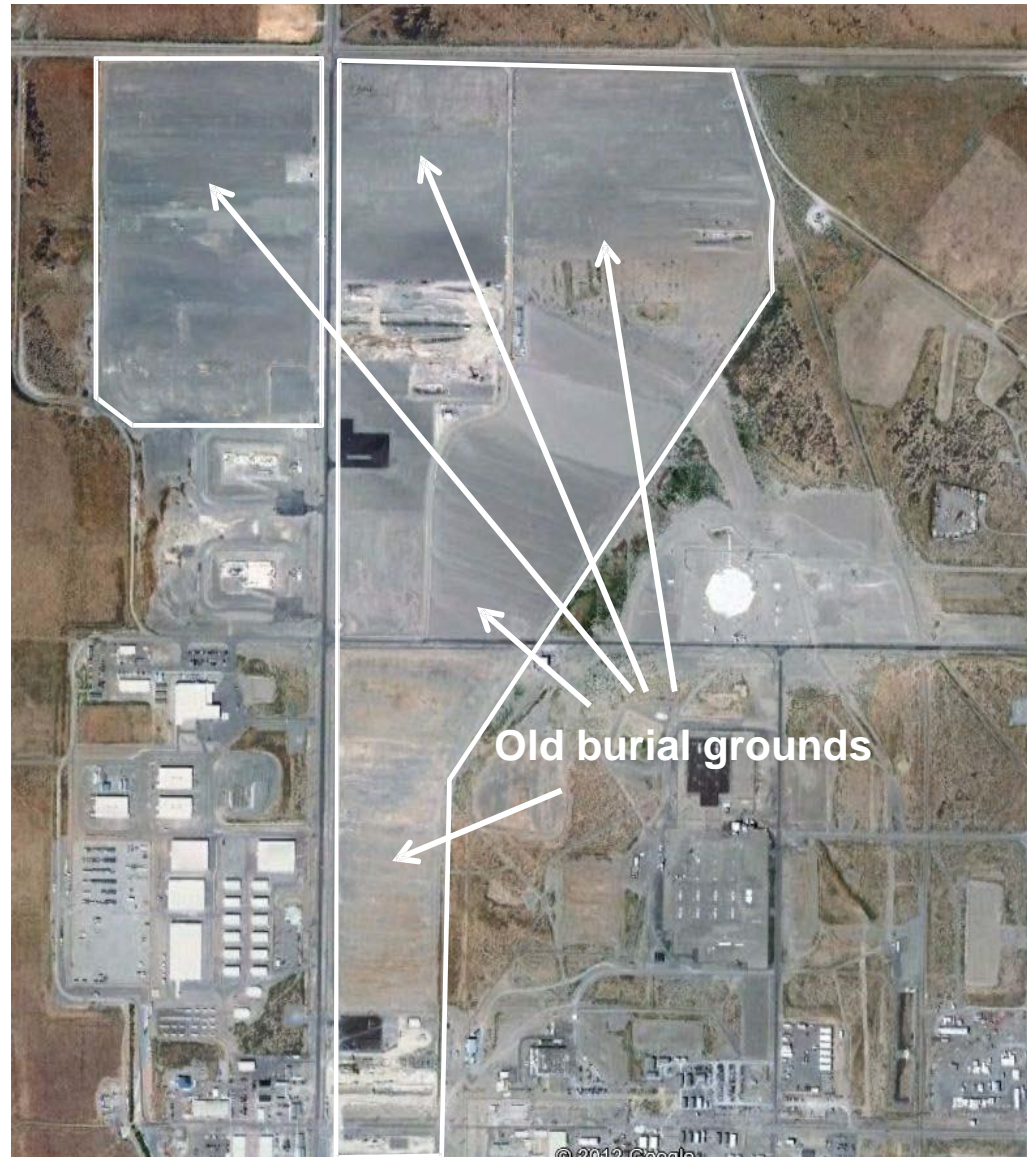
- 24 burial grounds in Hanford Central Plateau
 - 49/50 burial grounds in Columbia River Corridor have already been cleaned up
- 450 acres (7/10 of a square mile)
 - 43.5 linear miles of trenches within the burial grounds
 - 361 trenches
 - 24 feet deep, 37-60 feet wide, 200 feet long
 - 15 million cubic feet of waste
- TRU waste buried after 1970 was *retrievably stored*
 - ~12,000 retrievably stored containers waiting to be exhumed
 - 10,000+ previously retrieved containers stored in Central Waste Complex
- *Cleanup* of the burial grounds is covered by M-16 milestone series; management of *retrievably stored* waste containers is in M-91

24 Burial Grounds

200-SW-2 Operable Unit



Central Waste Complex



200 West Area

Central Waste Complex

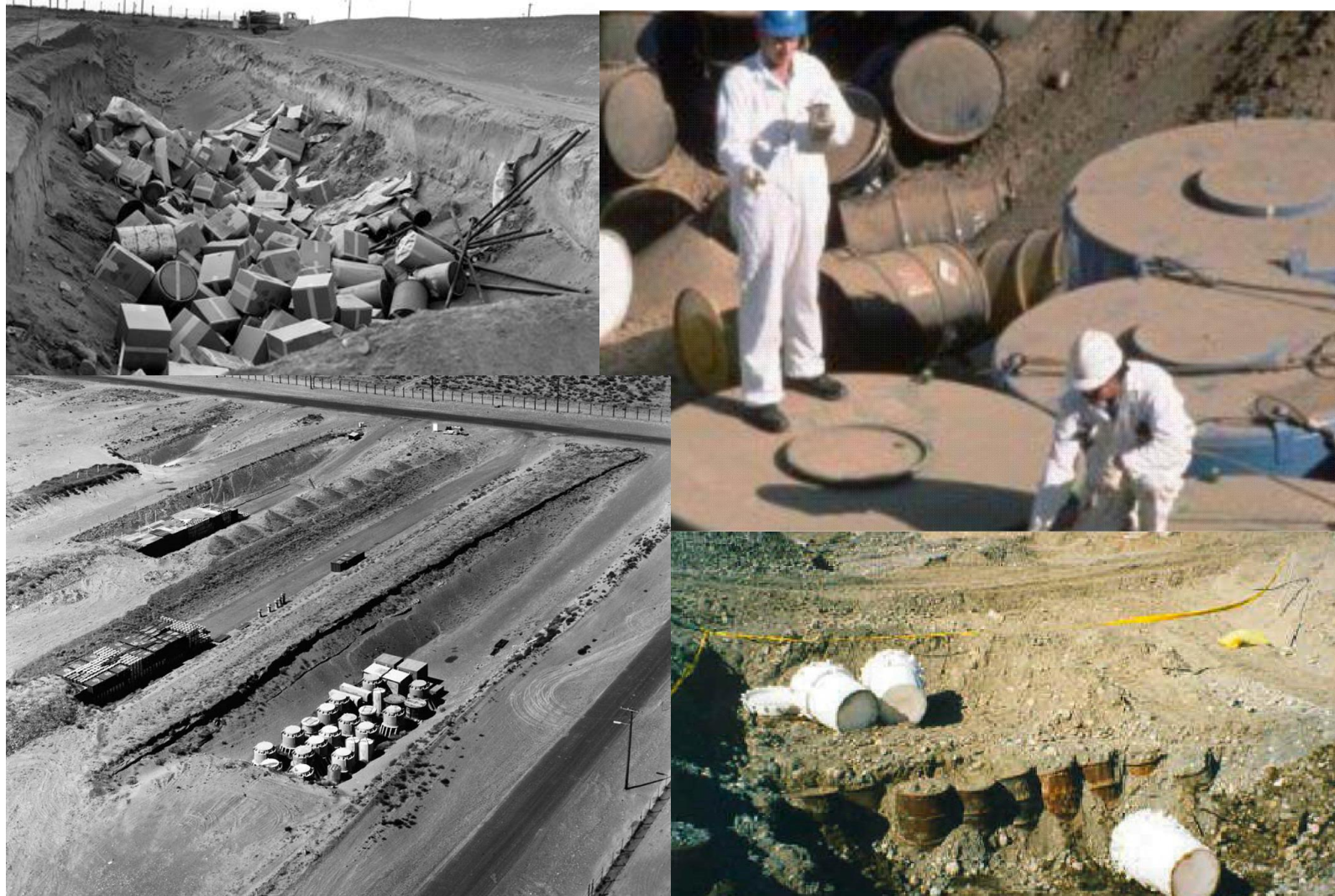


200 West Burial Grounds



Looking South toward Rattlesnake Mountain

Burial Grounds



Possible milestone changes

- 2030 is the existing M-91 end date, set per WIPP closing date
 - WIPP closing has been extended to 2050
- Changing M-91 end date to 2050 would allow
 - Adjustment for WIPP shutdown/slowdown years
 - A flattened funding curve
 - A slower shipping pace
 - 30 years of radioactive decay for a small number of remote handled waste containers
- Changing M-91 end date to 2050 would delay 2042 deadline for M-16 cleanup action in 4 of the 24 burial grounds

What's next?

- Ecology, the U.S Department of Energy, and the U.S Environmental Protection Agency (the Tri-Parties) will sign a tentative agreement on proposed milestone changes
- The Tri-Parties will issue a notice of upcoming public comment period, ~30 days before the start of public comment on the changes
- The Tri-Parties will hold a 45-day public comment period
 - A public meeting can be held during the public comment period
- After considering public comments, the Tri-Parties will finalize and approve any milestone changes

How can you be involved?

- Look for a ListServ notice about the public comment period
- Review a fact sheet that will accompany the draft milestone changes
- Attend the public meeting
- Submit your comments by email

Questions?



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