



U.S. DEPARTMENT OF  
**ENERGY**

**Proposed Changes to Tri-Party Agreement  
100 Area Waste Site Cleanup, 300 Area  
Surplus Facilities, Central Plateau Remedial  
Investigations/Feasibility Studies and  
Canyon Facilities Cleanup Milestones  
HAB-RAP  
January 8, 2013**

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## Goals – “ATQs”

- **How have the milestone dates changed?**
  - **What were the original dates and what is being proposed now?**
- **What does delaying milestones do to the overall plan for how money will be spent at Hanford?**
- **Does delaying milestones affect the potential to gain additional funding?**
- **Does this TPA Change Package affect the RCRA Permit?**
- **The “154 sites”**

# Background: Agreement in Principle (AIP) – TPA Negotiations



*Excerpt from August 16, 2012 AIP*

- 1) River Corridor waste site remediation scope not already covered in the HFFACO Action Plan Appendices C and D, resulting from discovery of new sites or discovery of more extensive contamination than previously anticipated (Milestone M-16-00A).
- 2) Completion/execution dates for the 324 Area facility demolition (M-89-00) and 300 Area Surplus Facilities (M-94-00).
- 3) Completion/execution dates for Central Plateau decision documents (M-15-00) and canyon area remediation (M-085-00).
- 4) Characterization associated with or in the vicinity of the KE reactor area and completion/execution dates for the reactor interim safe storage (M-93-22).



# D/H, F, & N Areas – M-16-00A



**D/H Area**



**F Area**



**N Area**



# D/H, F, & N Areas – M-16-00A

*How have the milestone dates changed? What were the original dates and what is being proposed now?*

**100 Area interim actions extended to 3/31/17 from 12/31/12**

- **Incorporates 154 additional waste sites**
- **Addresses extensive deep excavation of hexavalent chromium contamination**

*What does delaying milestones do to the overall plan for how money will be spent at Hanford?*

**No near-term change; future funds will need to be programmed to accommodate the remediation of additional waste sites**

*Does delaying milestones affect the potential to gain additional funding?*

**Yes – improved as requirements get identified in compliance space**

*Does this TPA Change Package affect the RCRA Permit?*

**Yes – it commits to a future permit modification to add to the permit the closure of the 324 hot cells.**



# B/C Area – M-15-00D



**B/C Area**



## B/C Area – M-15-00D

*How have the milestone dates changed? What were the original dates and what is being proposed now?*

### 100 Area decision documents

- Extend 100 B/C decision documents schedule to 12/15/16 from 12/31/12 to enable collection of additional groundwater data for cleanup decision
- Delay 100-N document to 6/30/13 from 12/31/12 to avoid too many documents going out for public comment

*What does delaying milestones do to the overall plan for how money will be spent at Hanford?*

Defers some near term funding in this area to future schedules

*Does delaying milestones affect the potential to gain additional funding?*

No

*Does this TPA Change Package affect the RCRA Permit?*

No



# K East & K West – M-93-00



*K East*



*K West*



# K East & K West – M-93-00

*How have the milestone dates changed? What were the original dates and what is being proposed now?*

## 100 Area

- Extend date for 100 KE Reactor interim safe storage to 12/31/19 from 7/31/14 to characterize and incorporate additional soil-sampling data
- Aligns KE and KW completion dates to the one due date

*What does delaying milestones do to the overall plan for how money will be spent at Hanford?*

Defers some near term funding in this area to future schedules; expect some efficiencies in accomplishing work at same time

*Does delaying milestones affect the potential to gain additional funding?*

No – reprograms compliance to later date; adds some new interim milestones

*Does this TPA Change Package affect the RCRA Permit?*

No



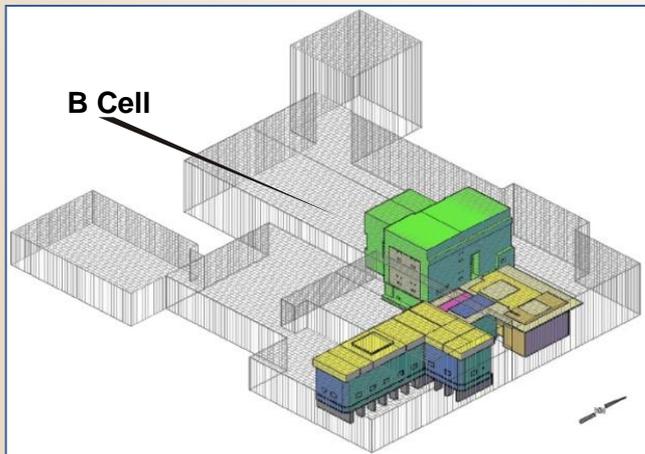
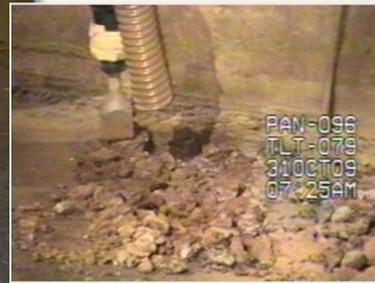
# 324 Building – M-89-00



*Radiation measurements being taken under the B Cell*



*Custom designed tools were remotely operated to remove 12,000 curies of radiation from B-cell*



*Workers collected contaminated soil samples from beneath 324 Building B-cell for analysis*





# 324 Building – M-89-00

*How have the milestone dates changed? What were the original dates and what is being proposed now?*

## 300 Area

- **Extend 324 building milestone date to 9/30/14 from 9/30/12 to address unanticipated significant soil contamination due to leakage**

*What does delaying milestones do to the overall plan for how money will be spent at Hanford?*

**Defers some near term funding in this area to future schedules; adds additional funding required for more complex, extensive cleanup**

*Does delaying milestones affect the potential to gain additional funding?*

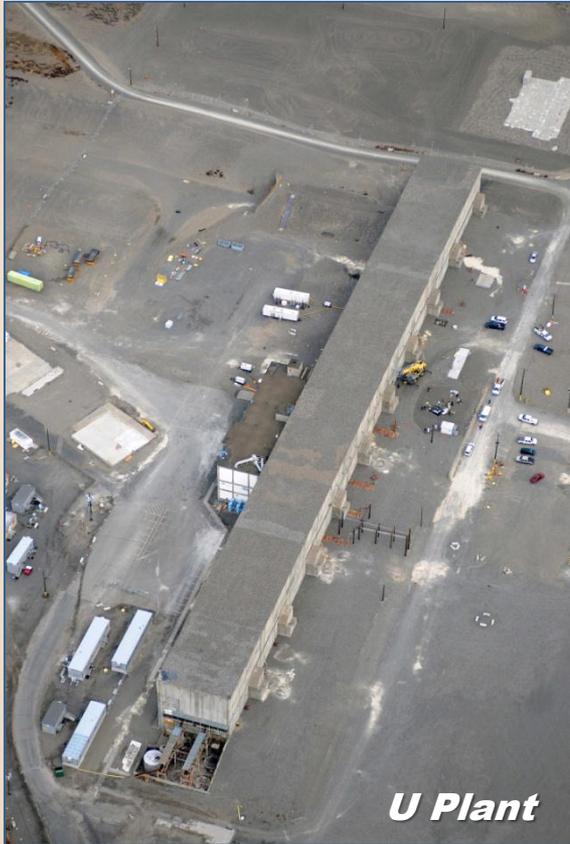
**No**

*Does this TPA Change Package affect the RCRA Permit?*

**No**



# Canyon Areas – M-85-00





# Canyon Areas – M-85-00

*How have the milestone dates changed? What were the original dates and what is being proposed now?*

## Canyons

- **Reset 'milestone to set milestone' to incorporate Optimization Study and lessons learned from the U-Plant Canyon disposition to validate approach and set realistic schedule. Interim milestone extended to 9/30/22 from 3/31/13.**

*What does delaying milestones do to the overall plan for how money will be spent at Hanford?*

**Defers some near term funding in this area to future schedules; expect some efficiencies from the optimization and lessons learned studies**

*Does delaying milestones affect the potential to gain additional funding?*

**No**

*Does this TPA Change Package affect the RCRA Permit?*

**No**



# 154 “Newly Discovered” Sites

*Where can I find a list of the 154 previously unknown sites?*

*Where can I find out how these 154 sites were discovered?*

*What has been written about why these sites were ignored?*

*Are there lessons learned from how these 154 sites were lost? (Same question as number 3 with a twist)*

*Are there lessons learned that apply to the other areas of Hanford?*

*(For the HAB): Are there policy failures that warrant Advice?*



# Notes/Status

- **Deep Vadose Zone remedial investigation/ feasibility study work plan pulled forward three years**
- **A 45-day public comment period started on 10 December 2012 and ends on 24 January 2013**
  - **To date, we've received three comments and the general comment theme are:**
    - **Looking at future options for the canyon building**
    - **Questions on the regulatory process for 324 building**
    - **Roles of budget and milestone dates**