Near-term Cleanup Vision for the Oak Ridge Reservation

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Oak Ridge City Council
OREM has established near-term visions that support cleanup of the ORR

**Vision 2016**
Completion of GDP building demolition at ETTP

**Vision 2020**
Remaining portion of ETTP cleaned up and reindustrialized

**Vision 2024**
Expand cleanup work to Y-12 to address mercury contamination
Delivering on Vision 2016

All gaseous diffusion facilities at ETTP demolished by end of 2016
What Remains to Meet Vision 2020

- **Completed**
- **Being demolished**
- **Deactivation under way**
- **To be demolished**

March 2016
Additional Disposal Capacity is Needed to Successfully Achieve Vision 2024

- Submitted 4th draft of RI/FS to regulators on March 17; regulators have 60 days to review and approve document or parties enter into informal dispute
- Submittal of a draft Proposed Plan to the regulators targeted for summer 2016
- Issuance of Proposed Plan for public comment is targeted for fall 2016
- Goal is to make ourselves available to inform and respond to questions starting now – prior to release of Proposed Plan
We have increased the number of sites being evaluated for onsite disposal.

- West Bear Creek Valley Site (Greenfield Site)
- Dual Site Option
- Hybrid Option – Single Small Site Combined with Offsite Disposal
- Environmental Management Waste Management Facility (EMWMF)
- East Bear Creek Valley (Brownfield Site)
- Y-12 National Security Complex
- Y-12 229 Boundary

Safety + performance + cleanup + closure
Projected Future Land Use Differs Among Sites Being Evaluated

Zone 1 = Unrestricted Use
Zone 2 = Recreational Use/Unrestricted Use (future)
Zone 3 = DOE-Industrial Use

West Bear Creek Valley (WBCV, Site 14)
Dual Site (Sites 6b/7a)
Hybrid Site (Site 6b & Offsite Disposal)
East Bear Creek Valley (EBCV, Site 5)
- The most successful cleanup projects utilize a combination of onsite and offsite disposal capabilities
  - All onsite options being considered include offsite disposal for a portion of the waste inventory
- The existing onsite disposal cell is ~70% full
- Future Y-12 and ORNL cleanup requires disposal capacity close to the capacity of the current cell
- If DOE does not have disposal capacity available by 2022, cleanup of Y-12 and ORNL will be delayed
  - Impacts both Y-12 and ORNL mission work
  - Results in workforce reductions
  - Extends cleanup schedules