



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
**ENVIRONMENTAL
MANAGEMENT**

Near-term Cleanup Vision for the Oak Ridge Reservation

Sue Cange
Manager

March 22, 2016
Oak Ridge City Council

OREM has established near-term visions that support cleanup of the ORR

Vision 2016

Completion of GDP building demolition at ETPP

Vision 2020

Remaining portion of ETPP cleaned up and reindustrialized

Vision 2024

Expand cleanup work to Y-12 to address mercury contamination



K-27 Demo Begins at ETPP



K-31 and K-33 Land Areas at ETPP

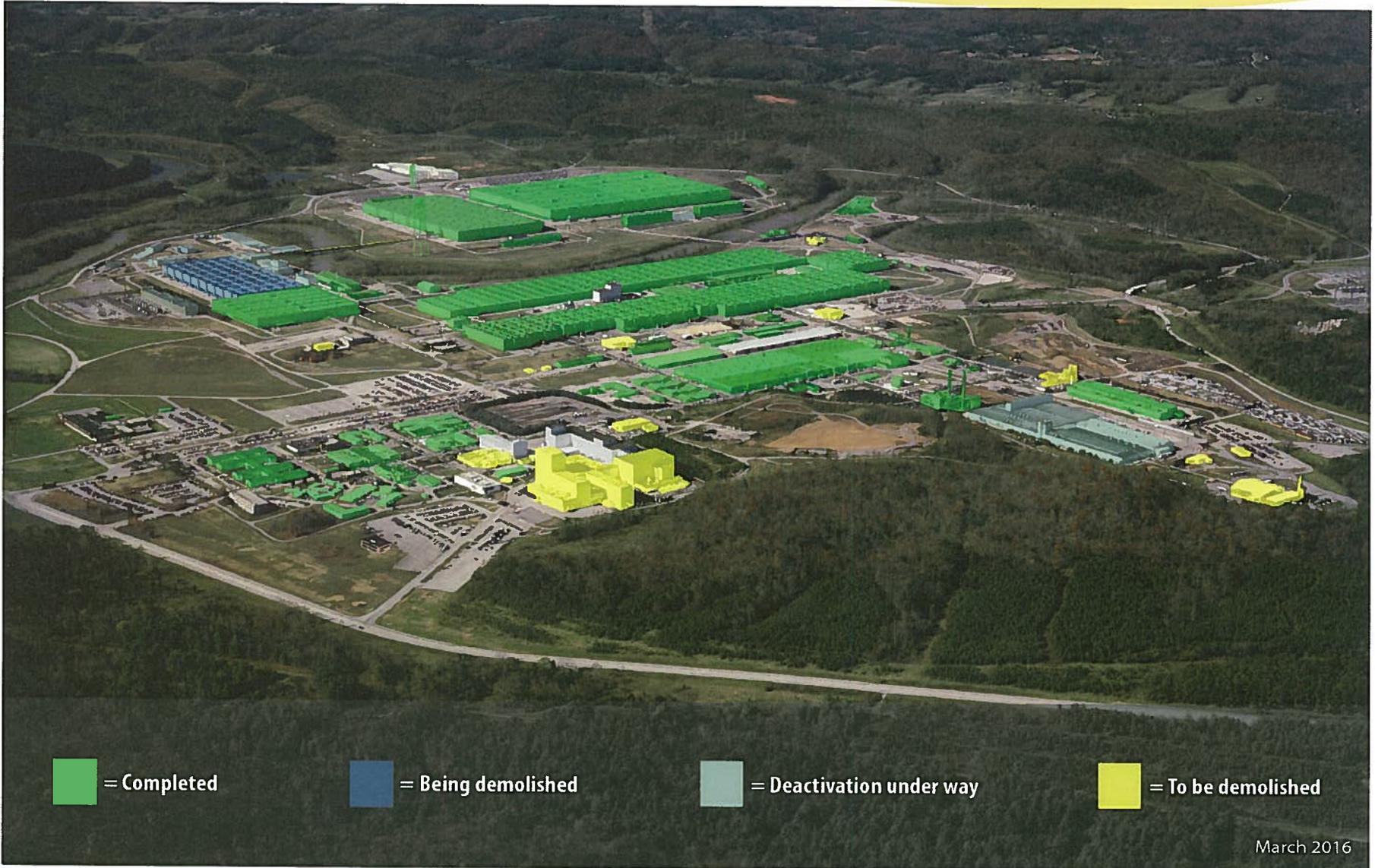


Beta 4 Building at Y-12

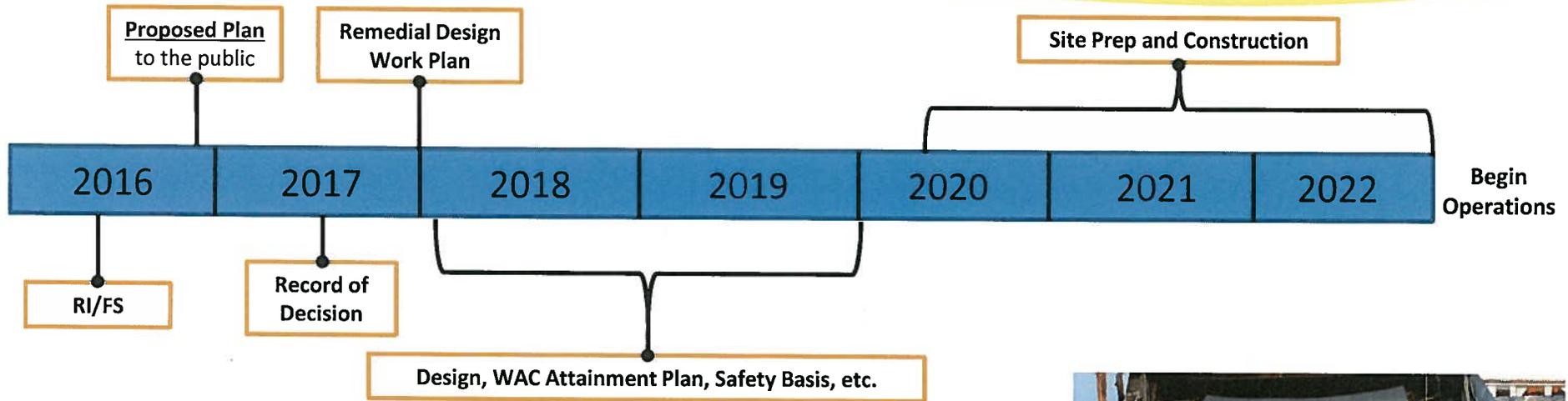
All gaseous
diffusion
facilities at
ETTP
demolished by
end of 2016



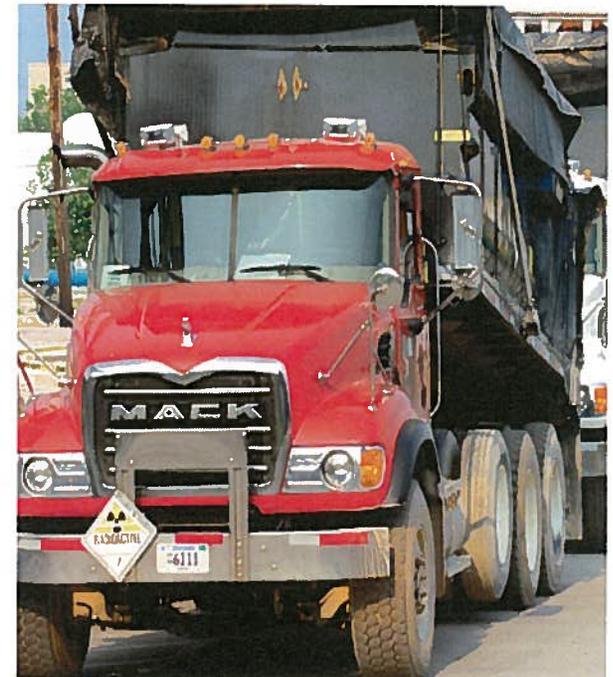
What Remains to Meet Vision 2020



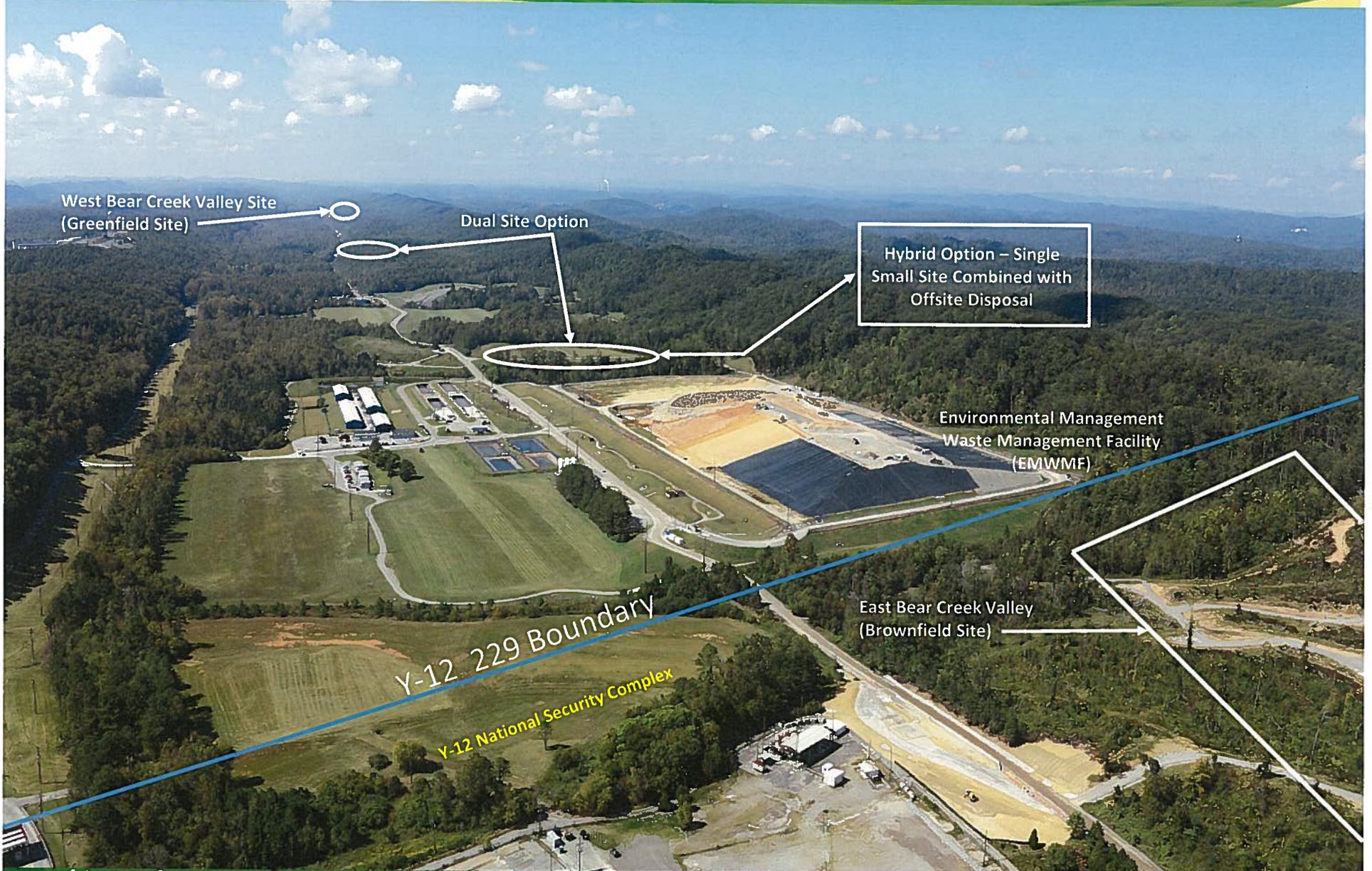
Additional Disposal Capacity is Needed to Successfully Achieve Vision 2024



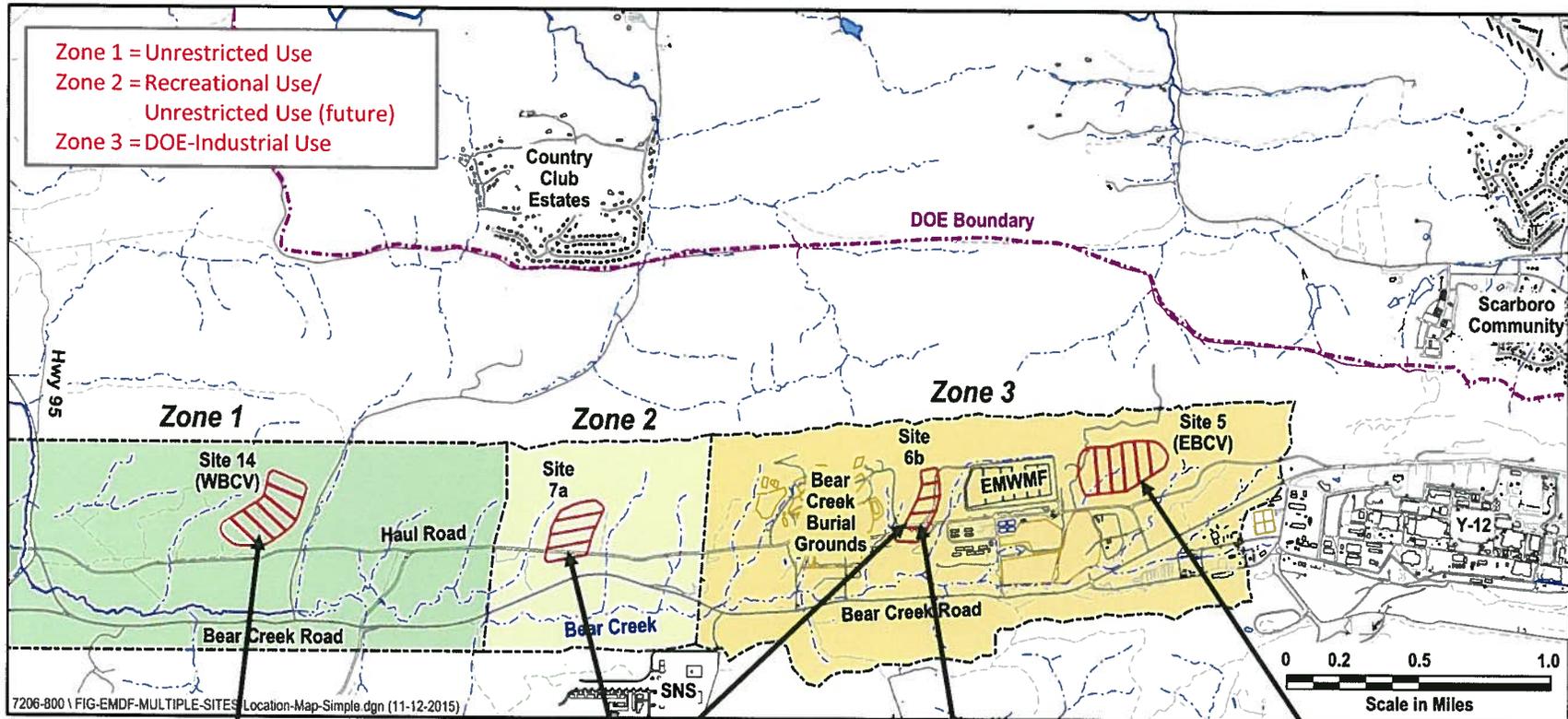
- Submitted 4th draft of RI/FS to regulators on March 17; regulators have 60 days to review and approve document or parties enter into informal dispute
- Submittal of a draft Proposed Plan to the regulators targeted for summer 2016
- Issuance of Proposed Plan for public comment is targeted for fall 2016
- 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



Projected Future Land Use Differs Among Sites Being Evaluated



**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)**

Waste Disposal is the Most Critical Component to Project Success

- 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