



# Oak Ridge CERCLA Cell

aka Environmental Management Waste Management  
Facility (EMWMF)

## Status Briefing to SSAB

June 11, 2008

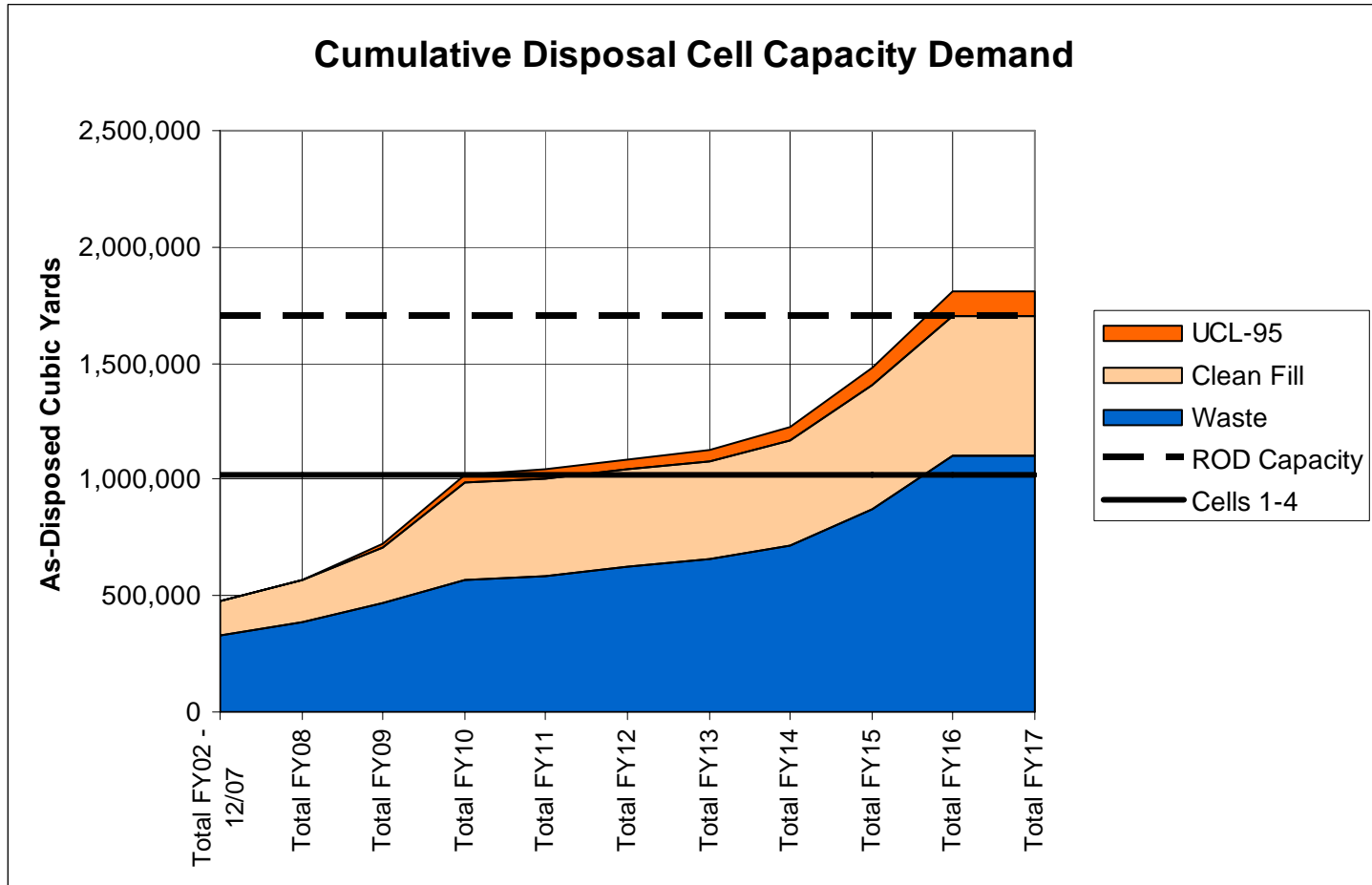
# Oak Ridge CERCLA Disposal Facility Cells 1-4 6/3/08



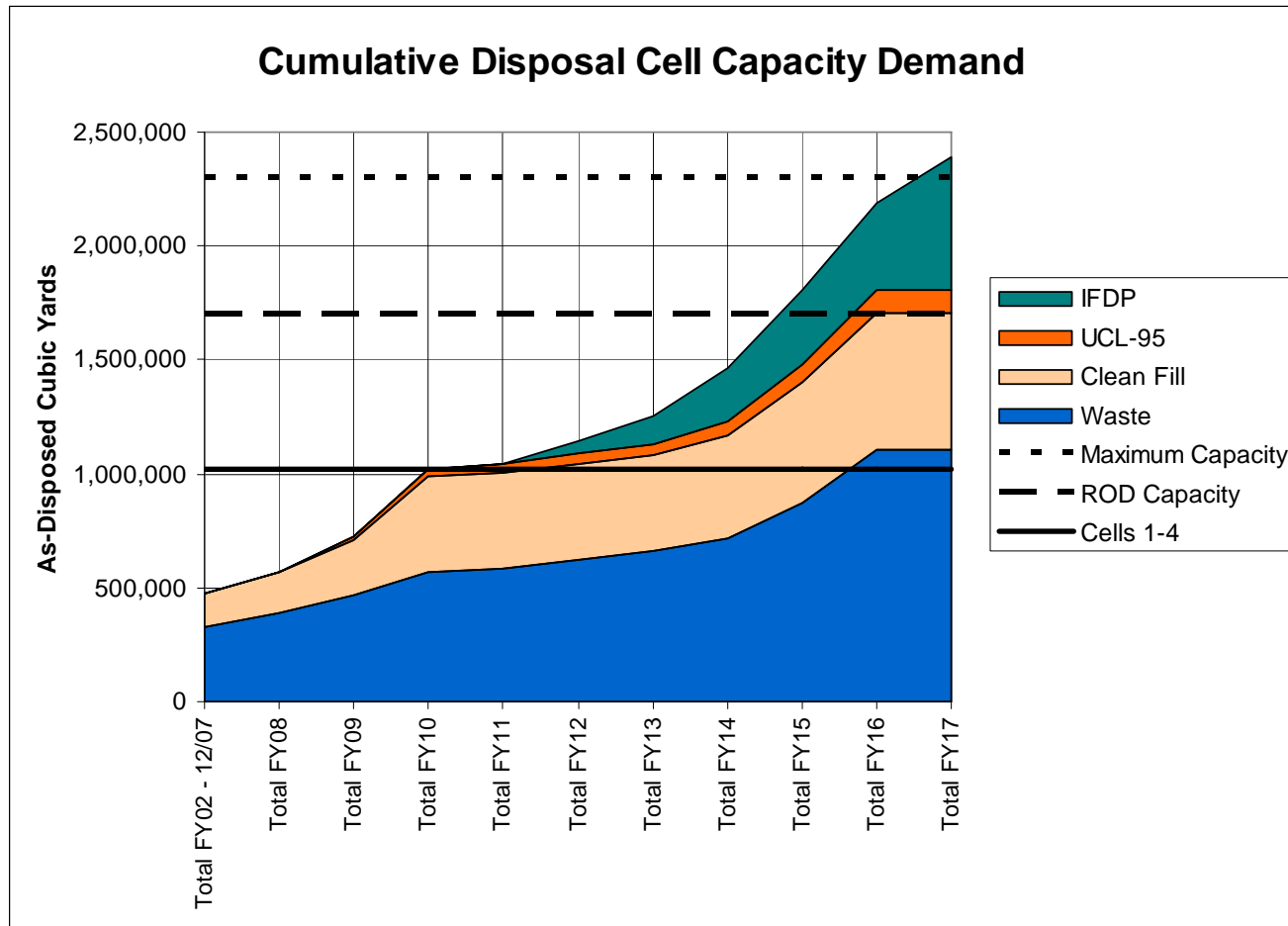
# Oak Ridge CERCLA Cell – Current Status Through May 2008

- Current Capacity of Cells 1-4 is 1.15M cy (completed May 2005)
- Total volume of airspace used to date: over 500,000 cy
  - 64,000 trucks
  - 950,000 tons
- Approximately 10 million gallons of leachate shipped for treatment, and 34 million gallons of contact water managed.
- Over 23,000 trips on the Haul Road, removing nearly 200,000 miles of truck traffic on public roads. K-25 Bldg and balance of ETTP cleanup will generate another 50,000+ trips.
- David Witherspoon Project scheduled to be complete in Winter of 2008. When complete, it will have shipped over 250,000 tons (15,000 truckloads, 1.5 million miles traveled) of waste.
- K-25 Project will begin demolition in September 2008 and ramp-up shipments in October 2008.

# Current EM Baseline Disposal Volumes / Timetable



# Current EM Baseline Disposal Volumes / Timetable With Initial IFDP Volumes



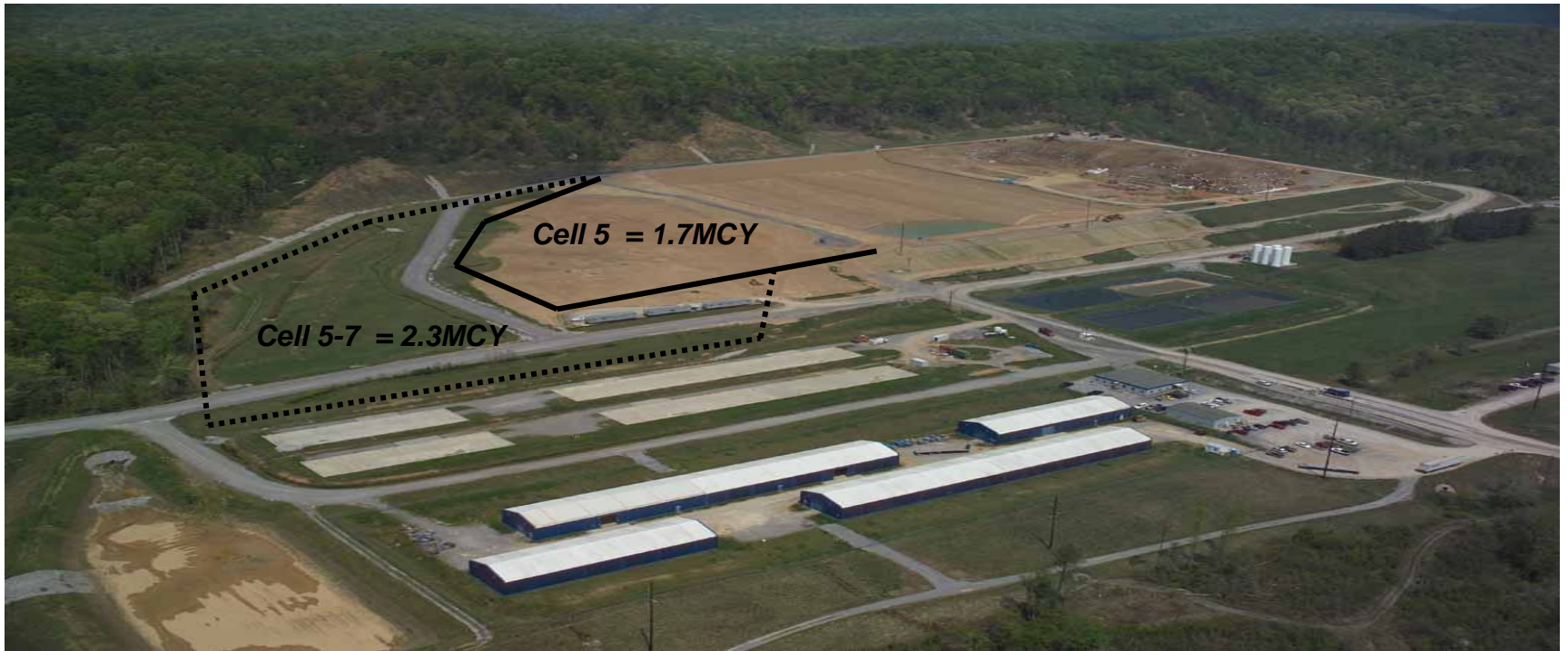
# CERCLA Cell Build-Out Strategy

## Key Elements

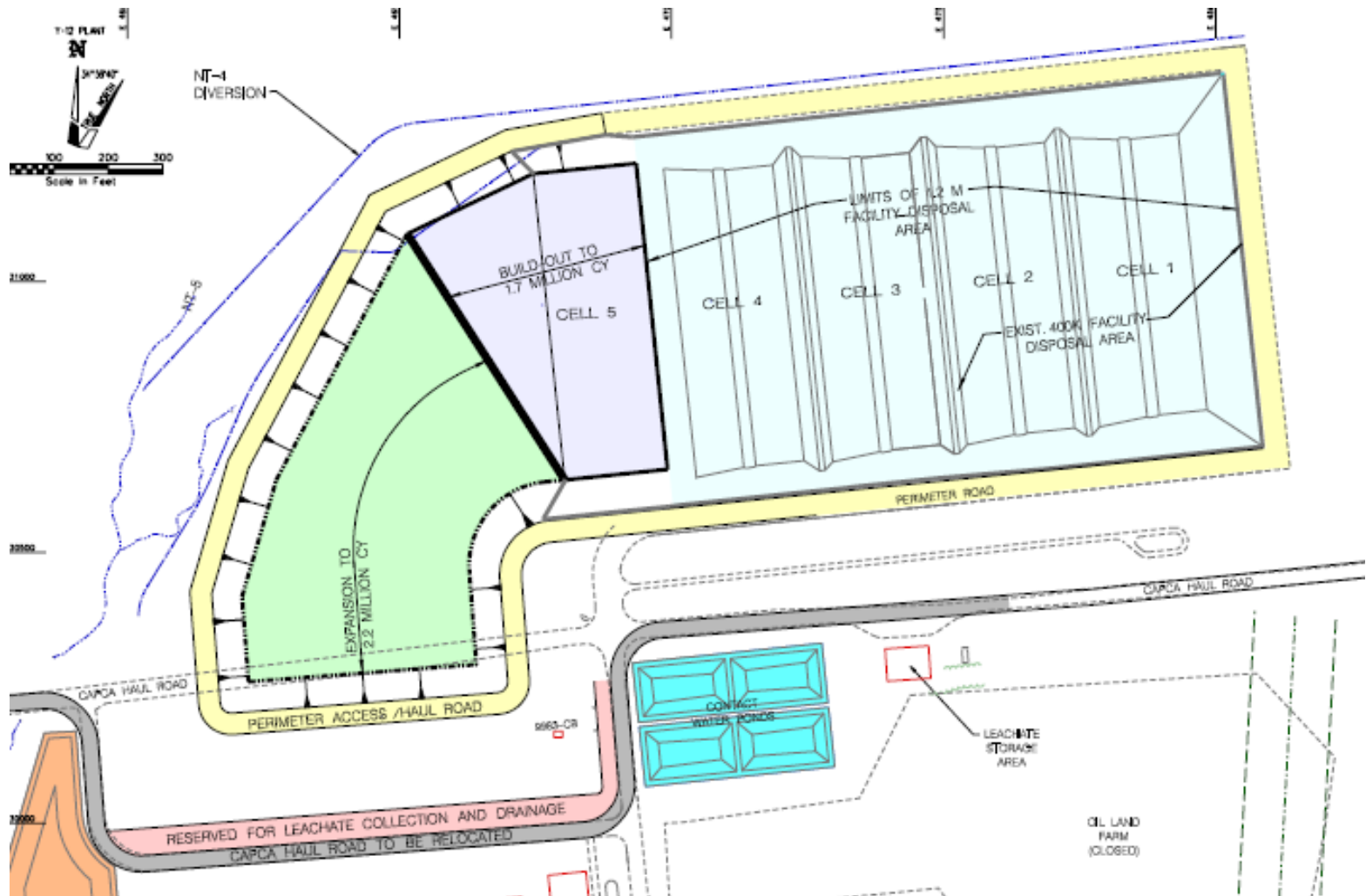
- Next Build-out (Cell 5+) floor space *useful* ASAP and may become critical in late FY10 / early FY11.
- Current Path – Cell 5 construction using original design increases volume to 1.7M yd<sup>3</sup> by late FY10
- 2008 CARAR shows 1.7-1.8M yd<sup>3</sup> from EM's *current* baseline (without IFDP wastes)
- IFDP will generate an *additional* 2-3M yd<sup>3</sup> of waste
- EMWMF site footprint *may* allow up to +0.6M yd<sup>3</sup> for a total ~2.3M yd<sup>3</sup>

# EMWMF Build-Out Options

1.7MCY vs 2.3MCY Total Capacity



# CONCEPTUAL EXPANSION FIGURE FROM 2003 CWDP





# CERCLA Cell Build-Out Strategy

## Key Elements

- Begin dialogue with stakeholders on merits of EMWMF expansion beyond 1.7M yd<sup>3</sup>
- Current Cell 5 design to 1.7M yd<sup>3</sup> precludes further expansion
- Evaluate cost & schedule to modify current design to allow options for expansion up to ~2.3M yd<sup>3</sup>