

# 216-A-36B Crib

## Closing Unit #12

- Unlined disposal facility for contaminated liquids.
- Capacity: 116,000 gallons/day.
- 23 feet deep, 492 feet long, and 7 to 11 feet wide at the base.
- South of PUREX in Hanford's 200 East Area.
- Operated from 1966 to 1972, and again from 1982 to 1987, when PUREX restarted toward the end of the Cold War.
- In March 1966, the permittees isolated the northernmost 98 feet of the 216-A-36 Crib. The remainder became the 216-A-36B Crib.
- Backfilled with clean soil, and now plants cover the site.

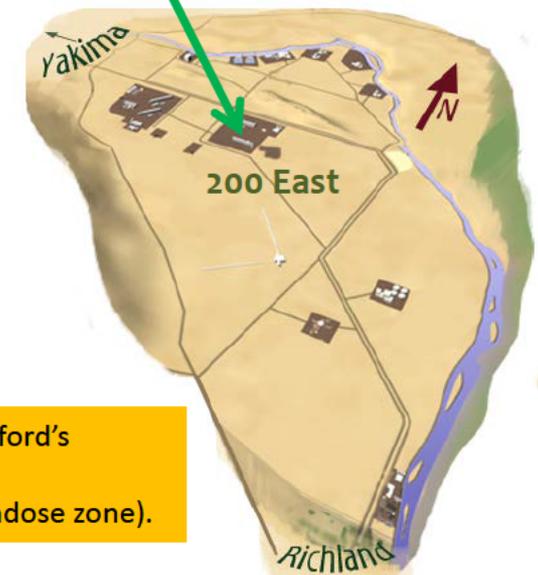


### Where did the waste come from?

The crib received diluted nitrate acid, ammonium nitrate, and ammonium fluoride from PUREX.

### What will happen to the site?

Tri-Party Agreement milestone M-037-02 requires a closure plan for the crib by 2014. Milestone M-037-10 requires the crib's closure by 2020. The cleanup will meet CERCLA and RCRA Corrective Action requirements.



### What's the risk?

Monitoring suggests this crib contributes to the nitrate plume in Hanford's groundwater. The crib may be a continuing source of groundwater contamination from nitrates and tritium deep underground (in the vadose zone).