



Idaho CERCLA Disposal Facility Additional Cell Preliminary Planning

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EM Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

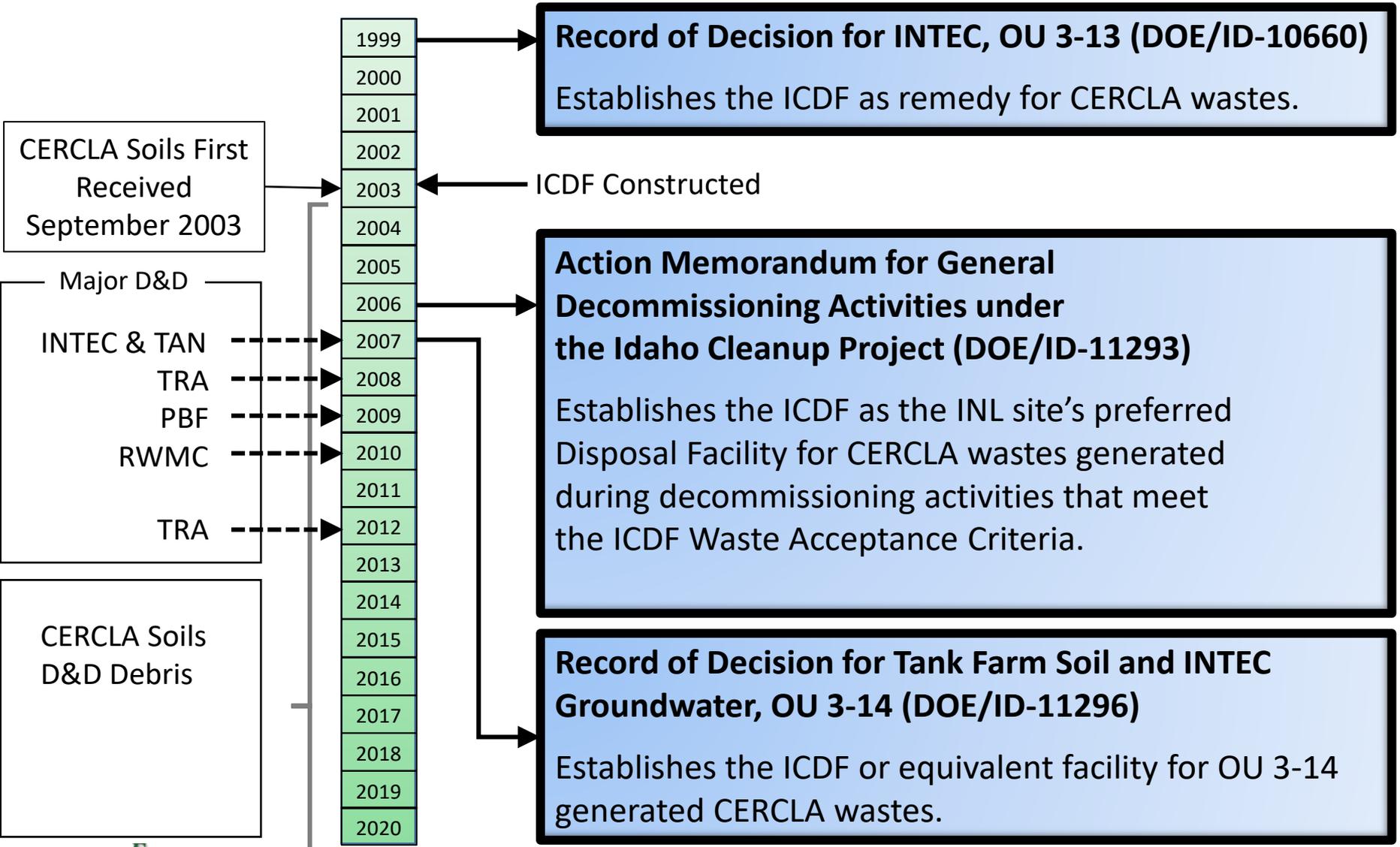
Idaho Cleanup Project

What We'll Cover

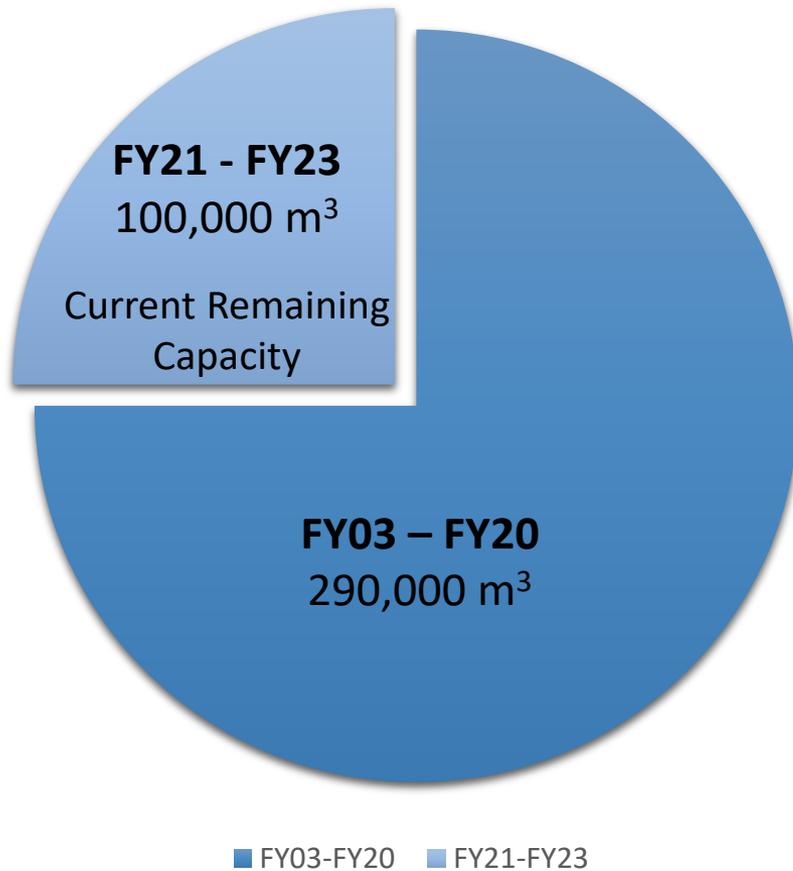
- ICDF purpose and decision documents
- Existing capacity and projected waste volumes
- Additional cell design
- Preferred location
- Anticipated schedule



ICDF Purpose and Decision Documents



ICDF CERCLA Waste Projection and Cost



Existing ICDF Landfill Volume

Existing ICDF Landfill (end of FY2020)

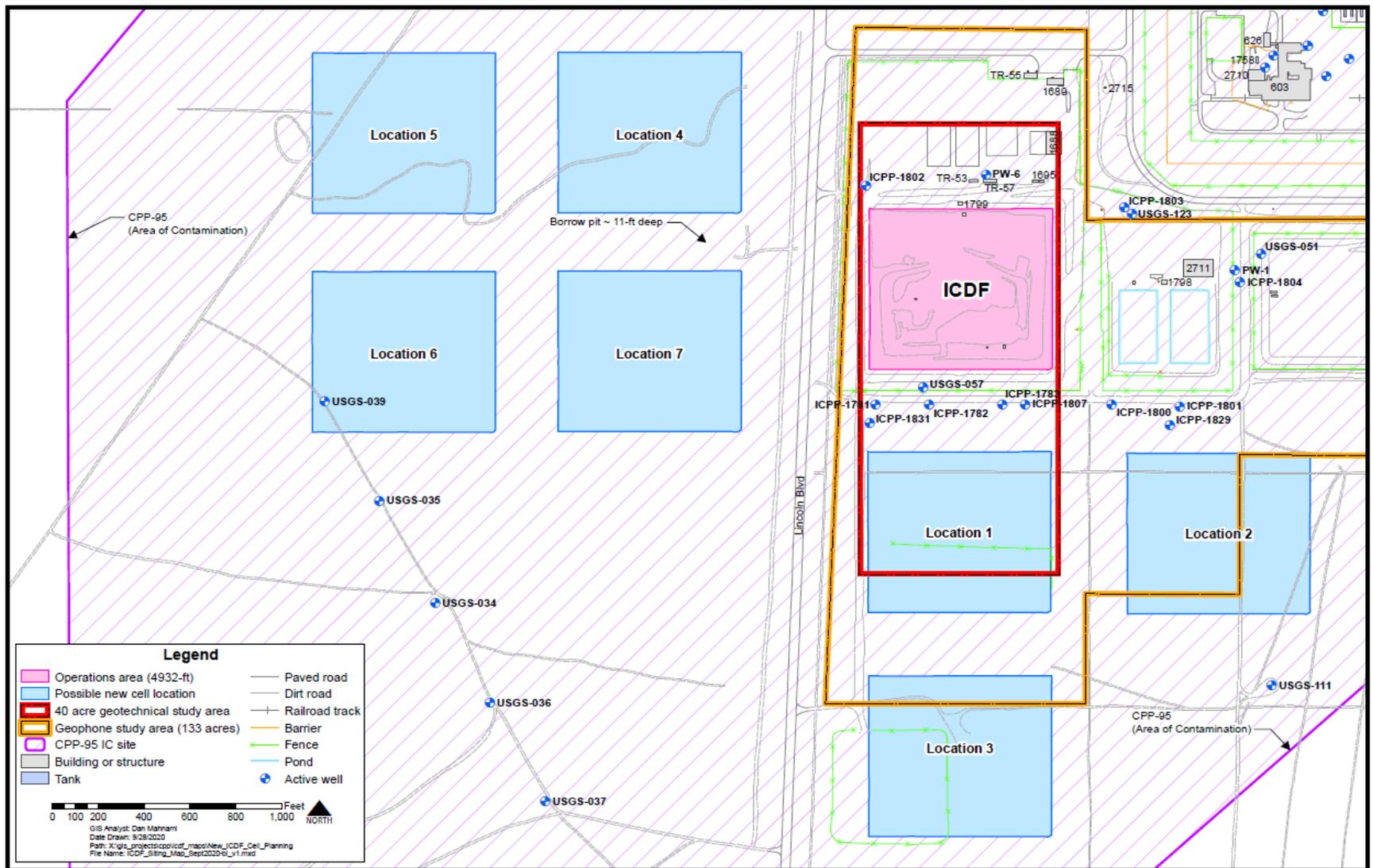
- Capacity 390,000 m³
 - ~75% Full
 - ~100,000 m³ remaining capacity
- More soils than debris

CERCLA Waste Projections (2020-2050)

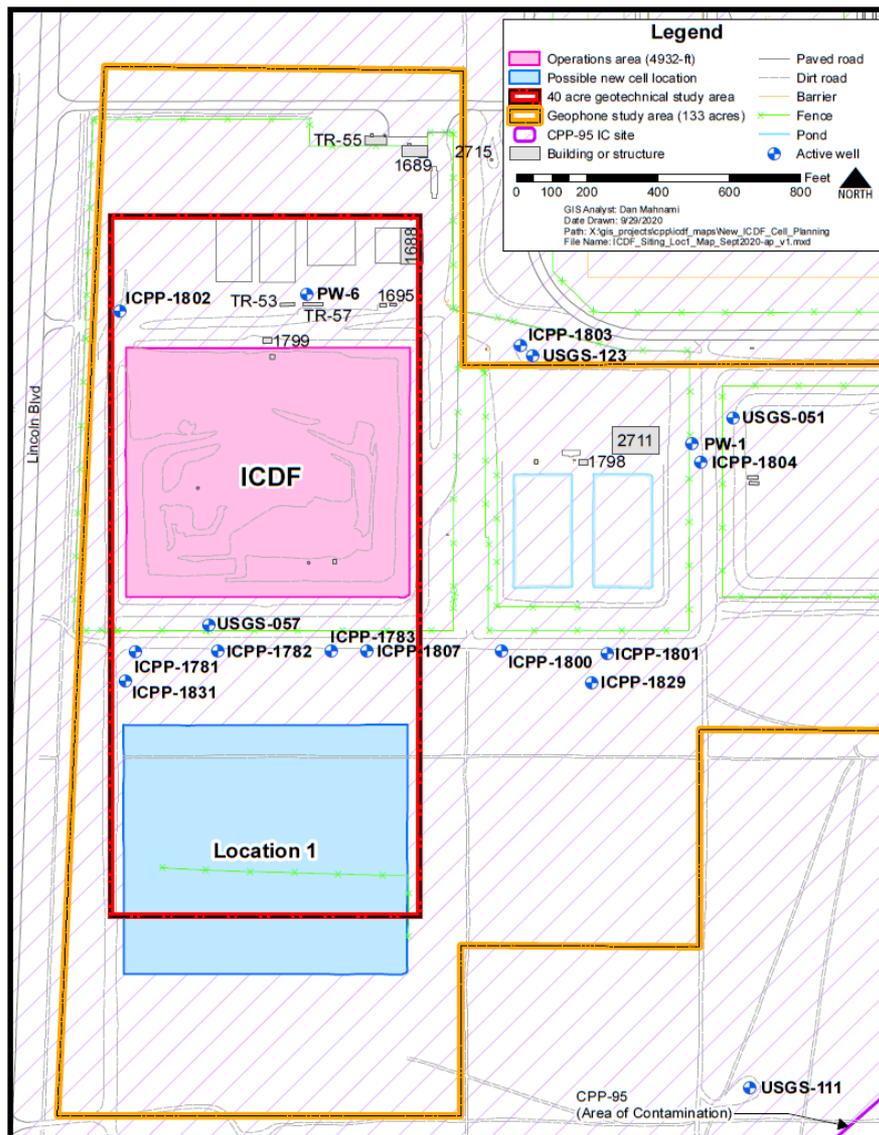
- 340,000 m³ total disposal capacity needed
 - 100,000 m³ FY20-FY23 into existing cell
 - 240,000 m³ additional capacity needed to meet projected demand FY24-FY50
- More debris than soils



ICDF Existing and Proposed Locations



Preferred Location



Additional Cell Conceptual Design

- Will meet all requirements of the existing ICDF Landfill
 - 40 CFR 264
 - IDAPA (Idaho Administrative Procedures Act)
 - DOE M 435.1
 - CERCLA ROD
 - ARARs (Applicable Relevant and Appropriate Requirements)
- Includes
 - Landfill
 - Evaporation ponds
 - Support buildings
 - Monitoring
- Design/Engineering
 - Landfill based on existing landfill design/size
 - Evaporation ponds to include slightly larger capacity



Path Forward

- Cost estimate preparation
 - Preliminary work will be estimated as part of the existing ICP contract
 - Preparation of an Explanation of Significant Difference
 - Preparation of a Field Sampling Plan for Geotechnical Studies
 - Additional follow-on siting and cell construction work will be estimated as part of the next ICP contract
- Anticipated Timeline
 - The Explanation of Significant Differences will be completed FY21
 - Cost and schedule for follow-on design, siting and construction will be developed next contract period



Questions?



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