

Waste Disposition Overview

John Patterson, Project Manager
Portsmouth Waste Disposition Options Project

William Murphie, Manager
Portsmouth/Paducah Project Office

SITE SPECIFIC ADVISORY BOARD (SSAB)
D&D Committee
Endeavor Center, Piketon, Ohio
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Planned D&D Activities



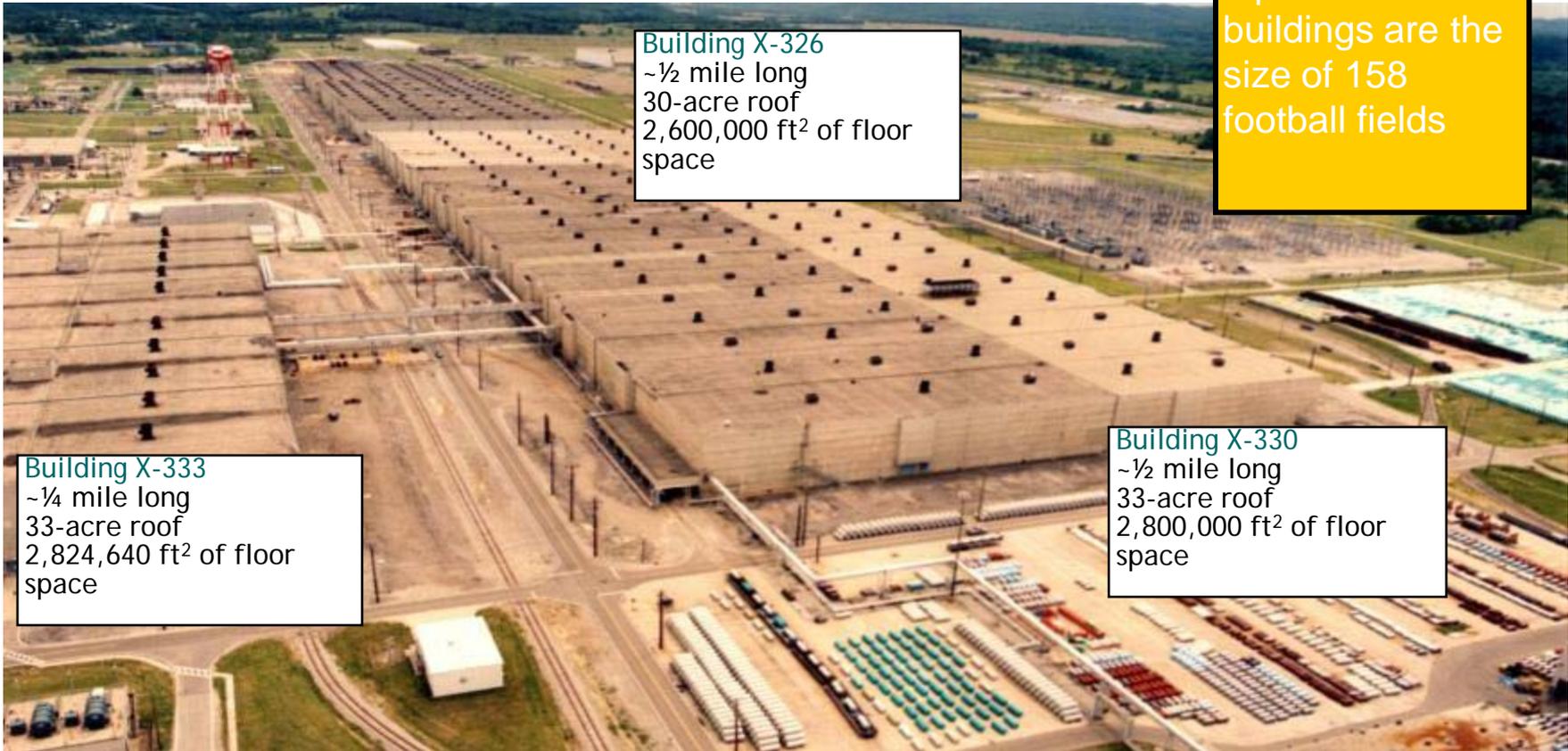
- D&D of the Portsmouth Gaseous Diffusion Plant (GDP) includes:
 - Removal of facility equipment
 - Demolition of the facilities
 - Soil and subsurface remediation
 - Waste and material disposition

GDP Equipment Removal



- Pumps & Motors
- Convertors (many sizes)
- Misc. Process and Industrial Equipment

GDP Facility Demolition



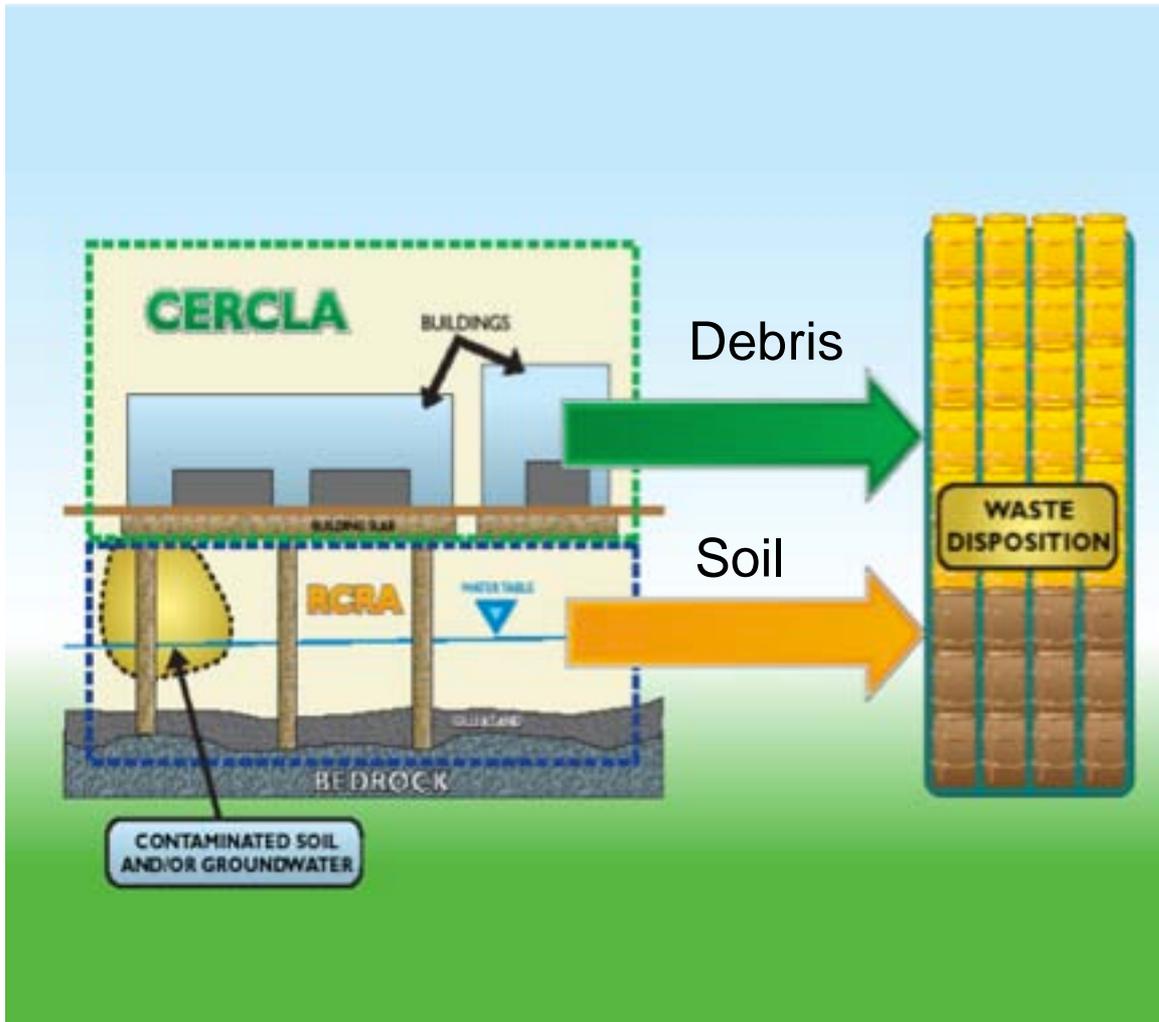
Building X-326
~½ mile long
30-acre roof
2,600,000 ft² of floor space

3 process buildings are the size of 158 football fields

Building X-333
~¼ mile long
33-acre roof
2,824,640 ft² of floor space

Building X-330
~½ mile long
33-acre roof
2,800,000 ft² of floor space

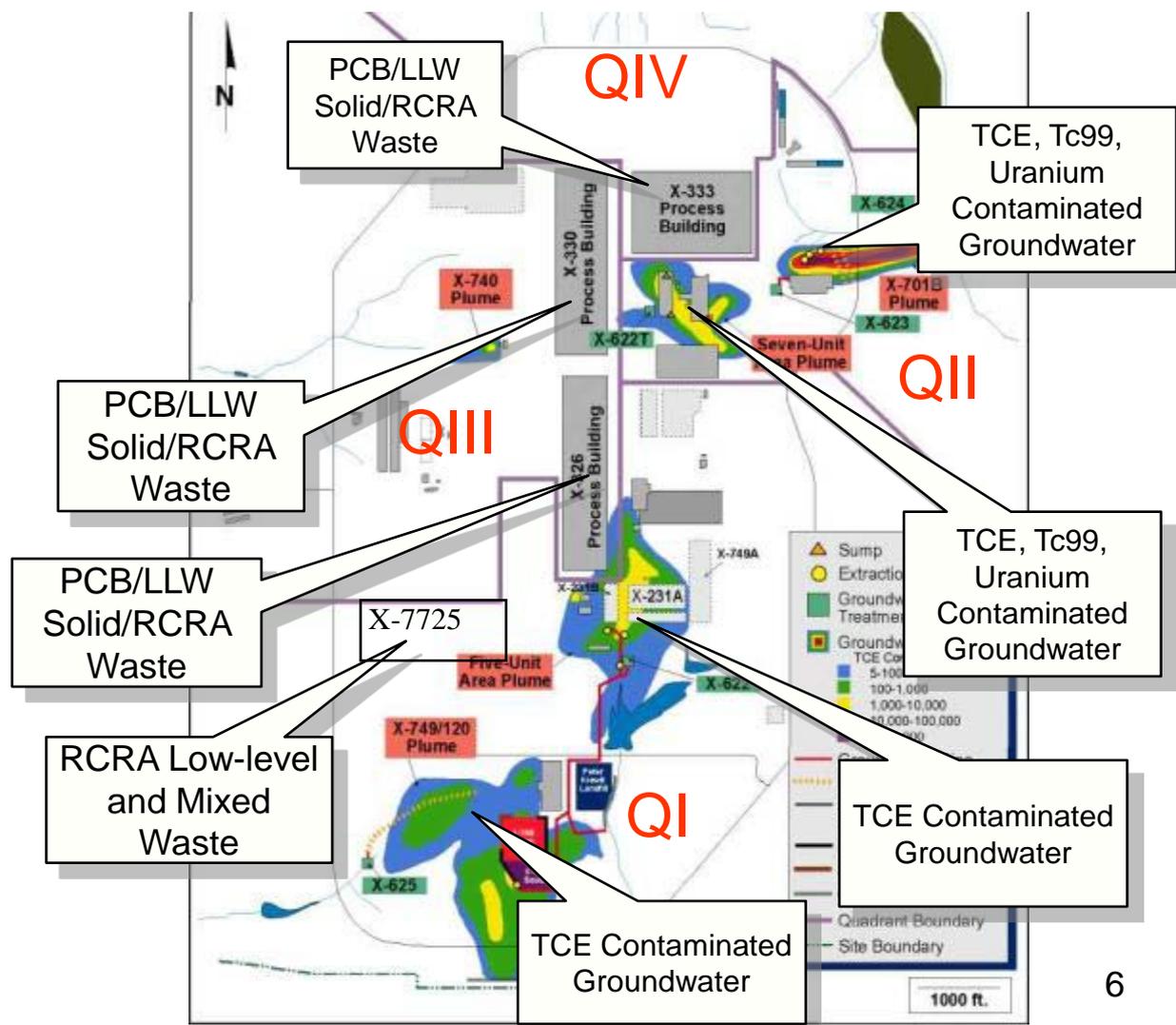
Portsmouth Regulatory Process



- Buildings will be addressed under CERCLA
- Soils and groundwater addressed under RCRA
- CERCLA and RCRA processes will be integrated

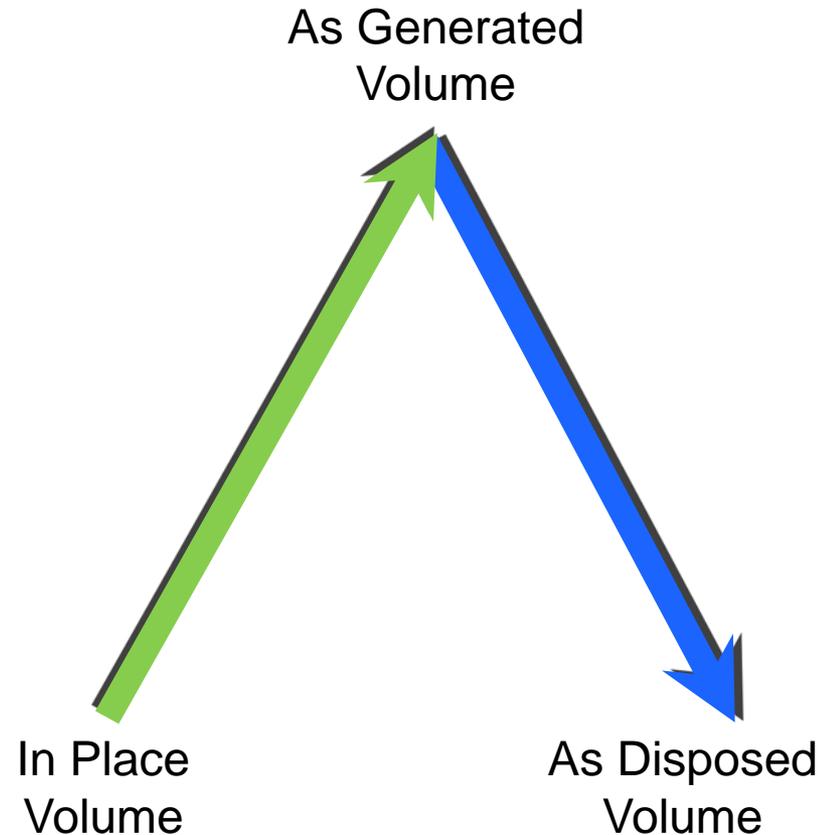
Portsmouth GDP Cleanup will Generate Many Waste Types

- Low level radioactive waste
- RCRA waste
- TSCA waste
– (e.g., PCB's)
- Solid waste
- Mixed waste



Portsmouth Waste Volumes

- CERCLA Waste Disposition Evaluation Project will evaluate a volume range
 - Point estimate: 2.2M yds³
 - Low-end volume: ~1.0M yds³
 - High-end volume: ~3.0M yds³
- Evaluation of a range considers:
 - Variability in measurements
 - Uncertainty in future cleanup decisions
- Ongoing and future analyses will continue to refine volume estimates

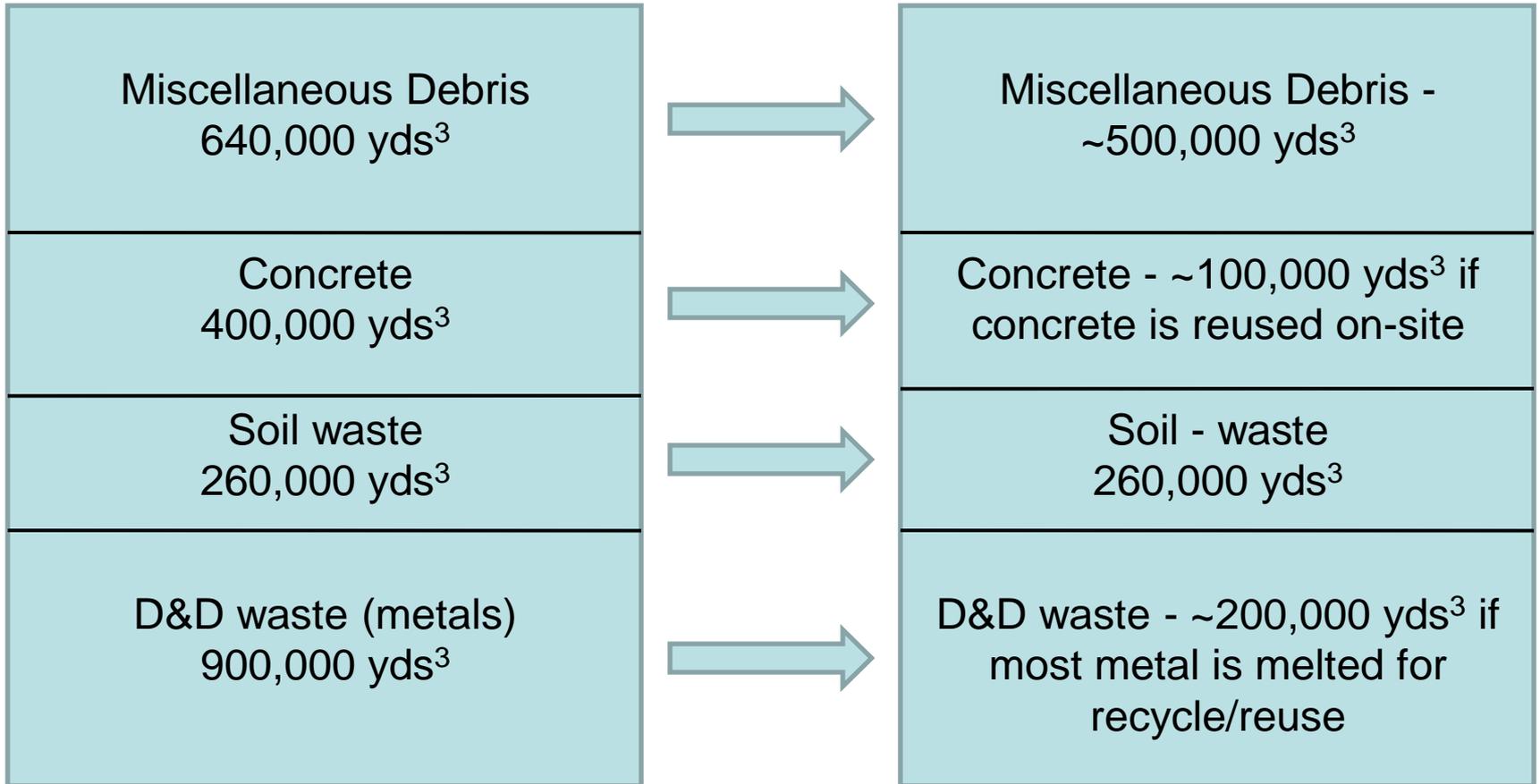


Portsmouth Waste Types

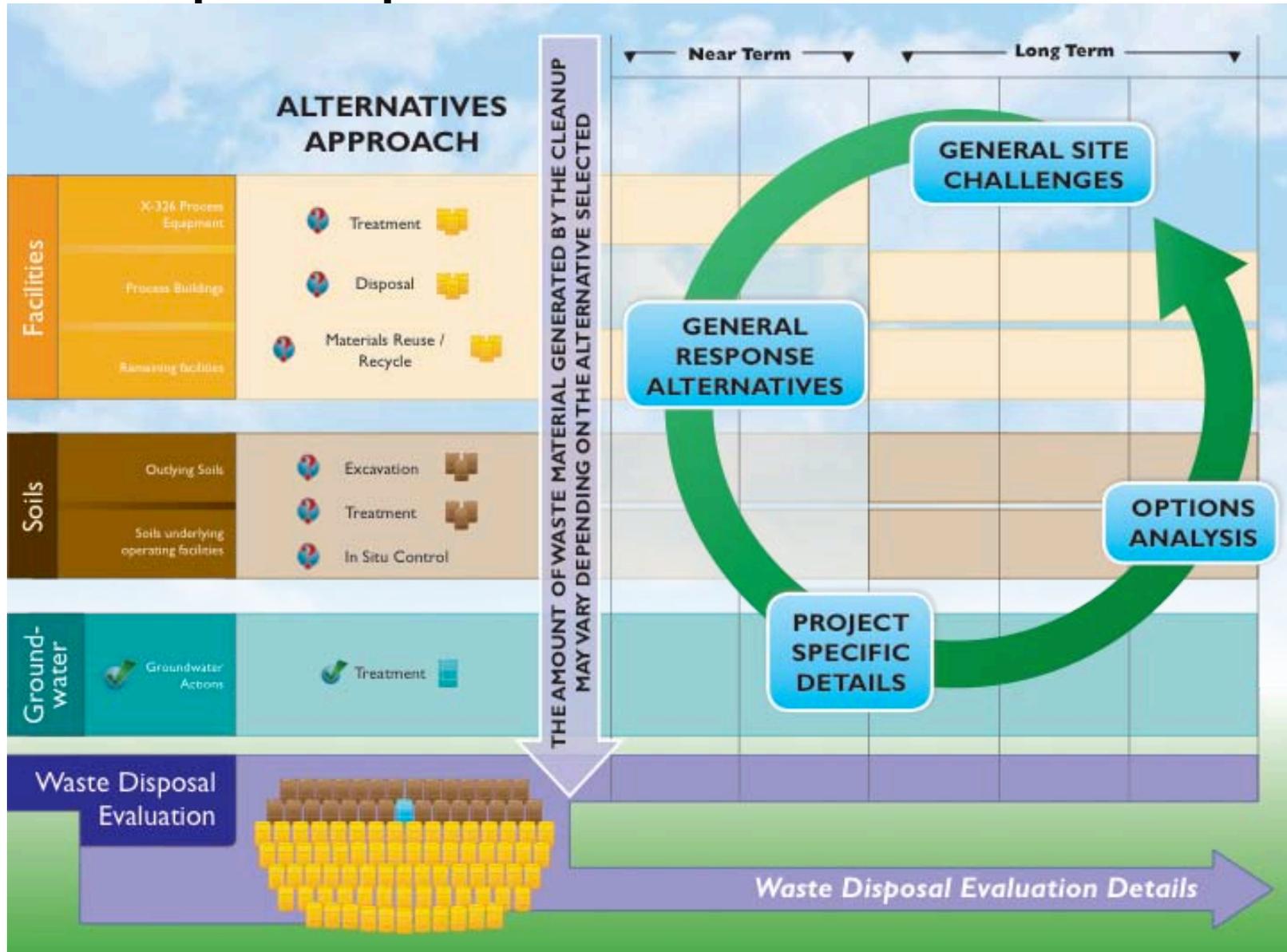
Current Volume
Estimate (2.2M yds³)

Low-End Volume
Range (~1.0M yds³)

Typical D&D/Cleanup Waste Forms



Cleanup Requires a Menu of Alternatives



Opportunities for Asset Recovery

Our Goal is to Minimize Waste

