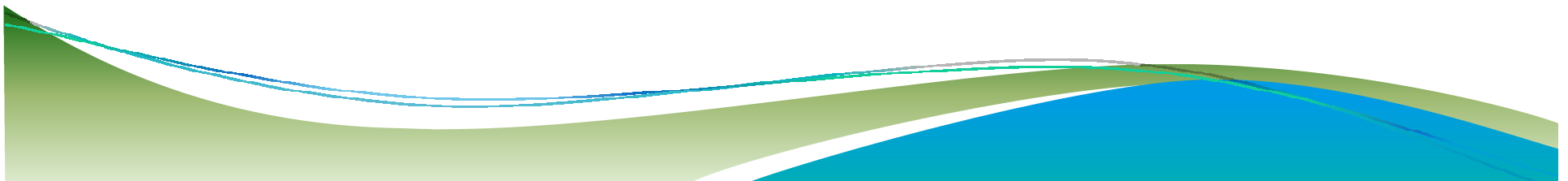


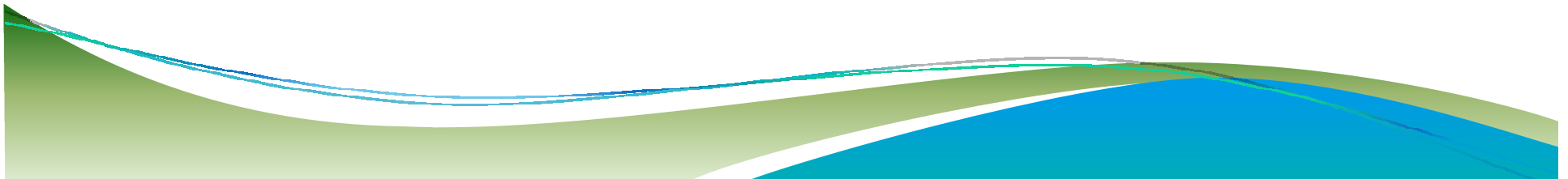
Maxey Flats Disposal Site



Public Meeting
February 3, 2015

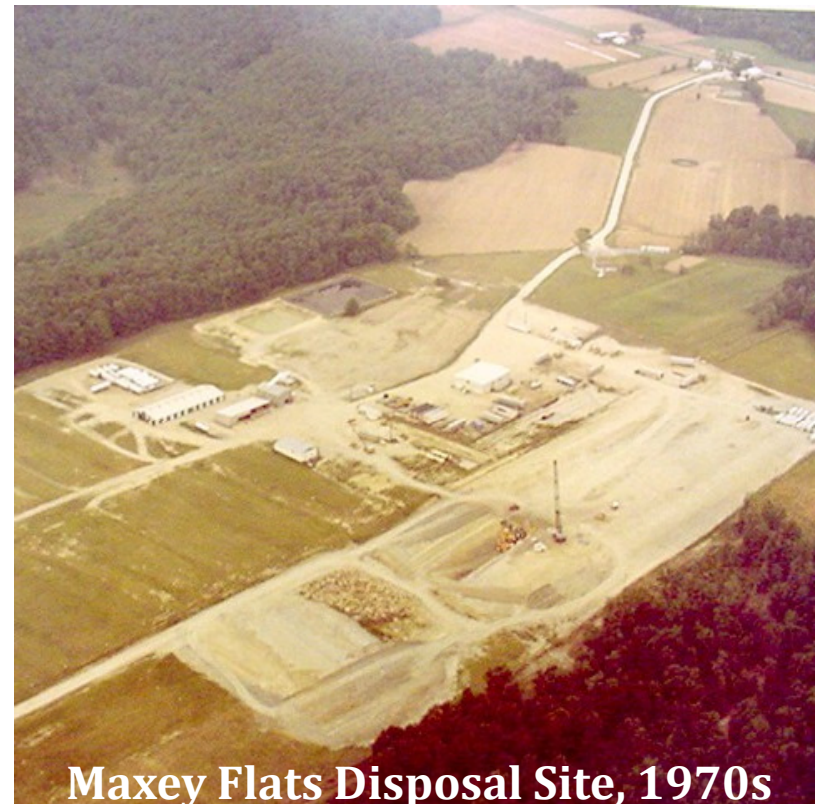


Maxey Flats Disposal Site History

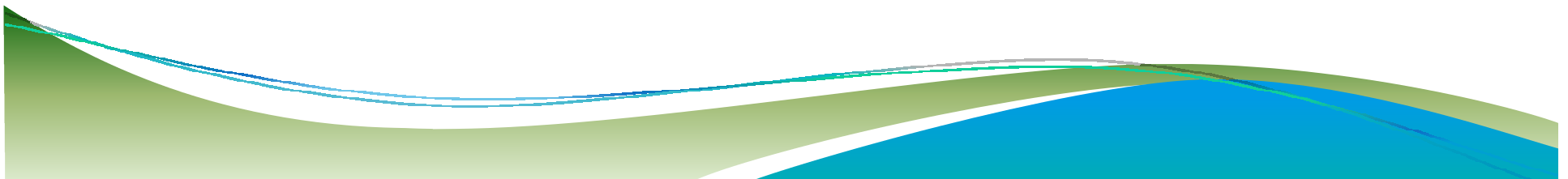


History

- Maxey Flats Disposal Site operated commercially from 1962-1977
- Approximately 4.7 million cubic feet of radioactive waste disposed during this time

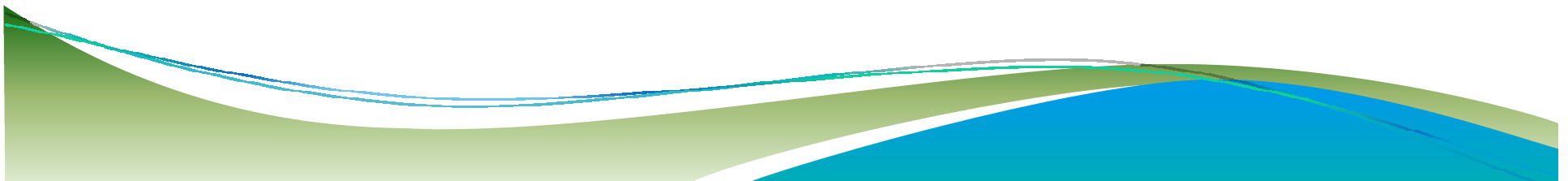


Maxey Flats Disposal Site, 1970s



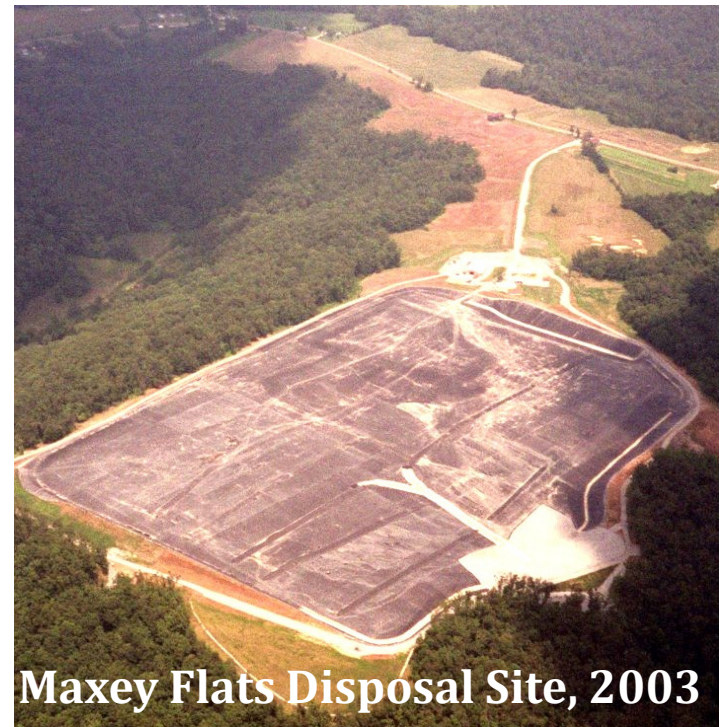
History

- 1977 - MFDS stopped accepting waste due to nuclear materials leaching into groundwater and moving off-site
- 1978 – Commonwealth purchased MFDS
 - Purchase included future remediation liability
- 1991 – EPA approved the Record of Decision (ROD)
 - Natural Stabilization was the chosen remedy for trench stabilization



History

- 1996 – Consent Decree was entered by the Federal Court
 - Included cost sharing agreement between Commonwealth and settling private parties
- 1998-2003, settling private parties funded the initial remedial phase
 - 58-acre interim cap
 - Burial operations
 - Solidification of trench leachate
 - ~550-acre buffer zone purchased



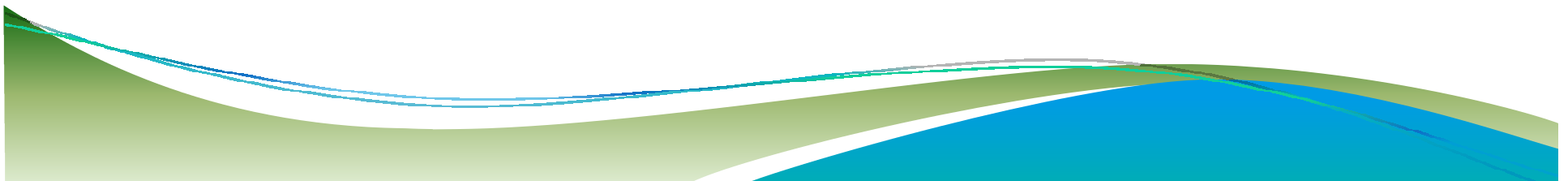
Maxey Flats Disposal Site, 2003

Balance of Remedial Phase

- Balance of remedial phase included two phases
 - Interim Maintenance Period
 - Final Closure Period

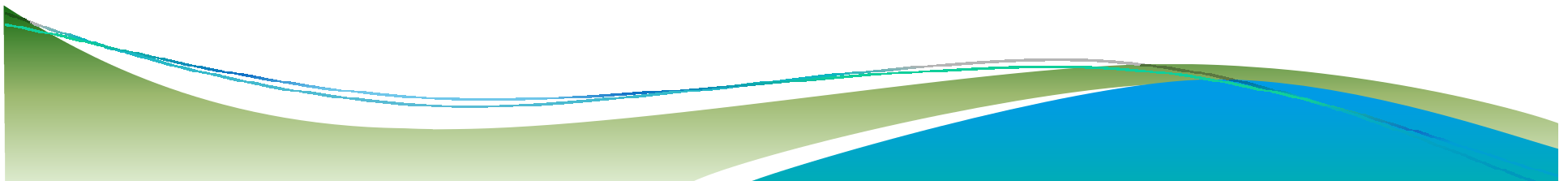


Final Closure Period Overview and Progress Update



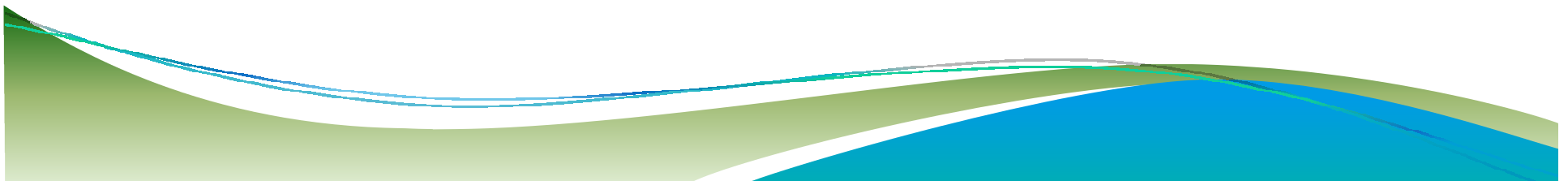
What is final closure period (FCP)?

- FCP is the final stage of remediation, not the end of the Commonwealth's obligation to monitor and maintain the facility
- Began with EPA approval that trench stabilization criteria met



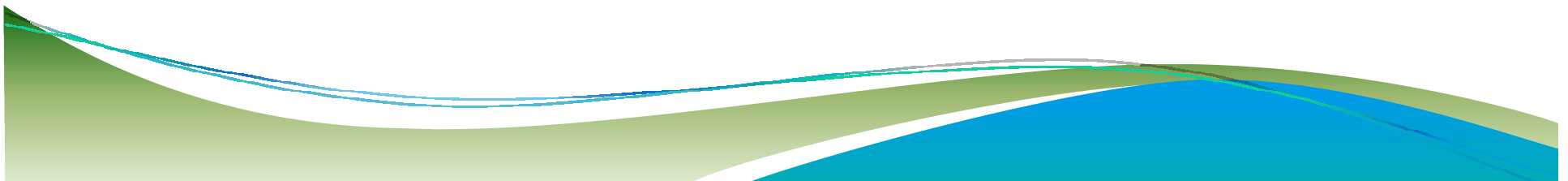
Final Closure Period (FCP)

- FCP includes
 - Installation of permanent vegetative cap (final cap)
 - Installation of permanent surface water control features
 - Installation of surface monuments to identify concerns and location of buried waste
 - Disposal of generated nuclear waste



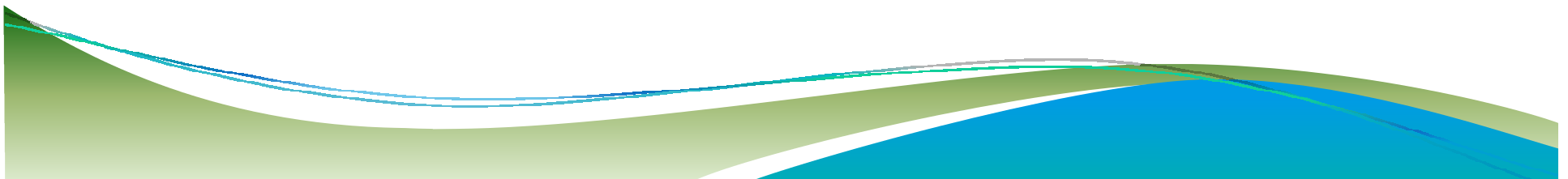
Final Closure Period Funding

- Kentucky Legislature appropriated over \$18 million from Maxey Flats trust accounts and \$17 million in bond funds



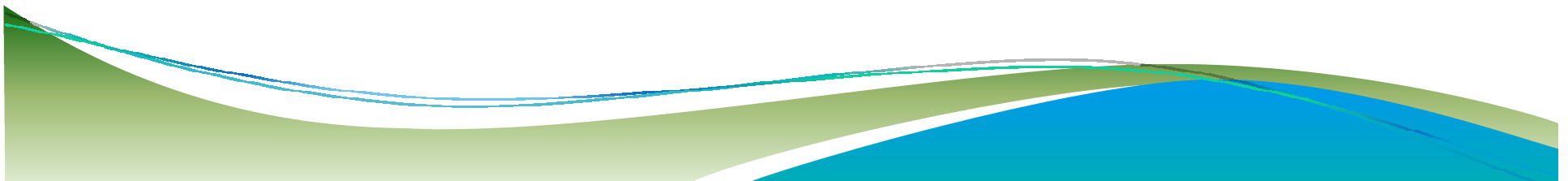
Final Closure Period Update

- MFDS officially entered FCP in 2012
 - Since that time
 - Selected remedial design engineer
 - Completed final cap design
 - Completed pre cap construction activities
 - Selected final cap construction contractor
 - Closed Rock Lick Creek Road
 - Acquired additional surrounding property

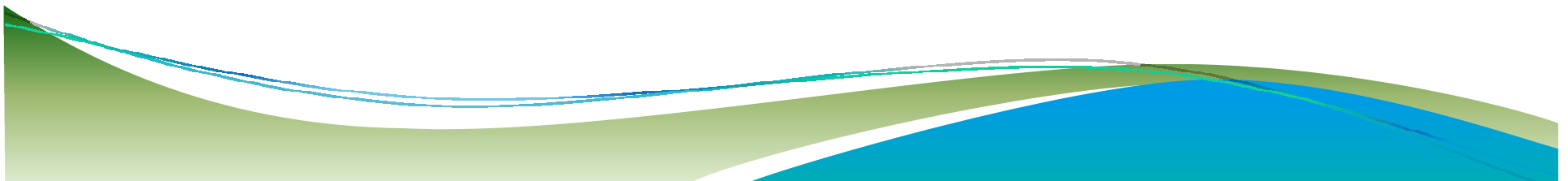


Final Closure Period Property Acquisitions

- Additional property achieves multiple project goals
 - Increases distance
 - Reduces potential for public exposure and trespassers
 - Provides borrow material
 - Relocates point of compliance



Institutional Control Period



Institutional Control Period

- Jeff Webb - Site Supervisor
- 100-year obligation
- Collaborative project
 - Finance Cabinet
 - Energy and Environment
 - Cabinet Health and Family Service



Future of Maxey Flats Disposal Site

- Cap and 1000+ acres
- Substantial Investment
- Decisions
 - Maintenance
 - Beneficial Reuse
 - Preservation
 - Conservation

