

*A presentation to the
SRS Citizens Advisory Board
Facilities Disposition and Site Remediation Committee*

Revisiting the Area Completion Strategy

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Purpose

Provide information on the background, process, and upcoming planning for revisiting the Savannah River Site Area Completion Strategy.



Area Completion Strategy Background

- Memorandum of Agreement (MOA) for Achieving Accelerated Cleanup Vision signed in 2003:
 - DOE-Savannah River Operations Office (DOE-SR), South Carolina Department of Health and Environmental Control (SCDHEC) and Environmental Protection Agency Region 4 (EPA)
 - Endorsed an area-by-area approach to cleanup
 - Recognized Soil & Groundwater and Deactivation & Decommissioning (D&D) integration to complete cleanup
- Historical Operable Unit Process
 - Did not focus cleanup on any specific area
 - Evaluated individual waste units
 - D&D of facilities not addressed
 - More costly



Area Completion Strategy Process

- Addresses larger groupings of waste units and D&D facilities within predominantly industrial Areas
- Provides for a comprehensive Area cleanup with one end state
- Provides an integrated approach between Operations, D&D, and Soil & Groundwater activities and schedules
- End State determined on Area basis vs. individual waste units, using more representative exposure/risk assumptions
- Economies of scale
 - Enables coordinated D&D and Soil & Groundwater sampling and remediation
 - Consolidates investigation activities and documentation



Area Completion Strategy & FFA Appendix E

- Provides a lifecycle list of cleanup milestones for SRS Waste Sites
 - Made up of Appendices E.1, E.2, and E.3
 - Appendix E.1 contains Enforceable Milestones for the next Fiscal Year (FY+1)
 - Appendix E.2 contains Enforceable Milestones for FY+2
 - Appendix E.3 contains Planning Milestones for FY+3 and beyond
- DOE updates Appendix E annually and submits for review to SCDHEC and EPA in November
- DOE provides briefings to the FD&SR Committee during the review and approval cycle



Revisiting the Area Completion Strategy

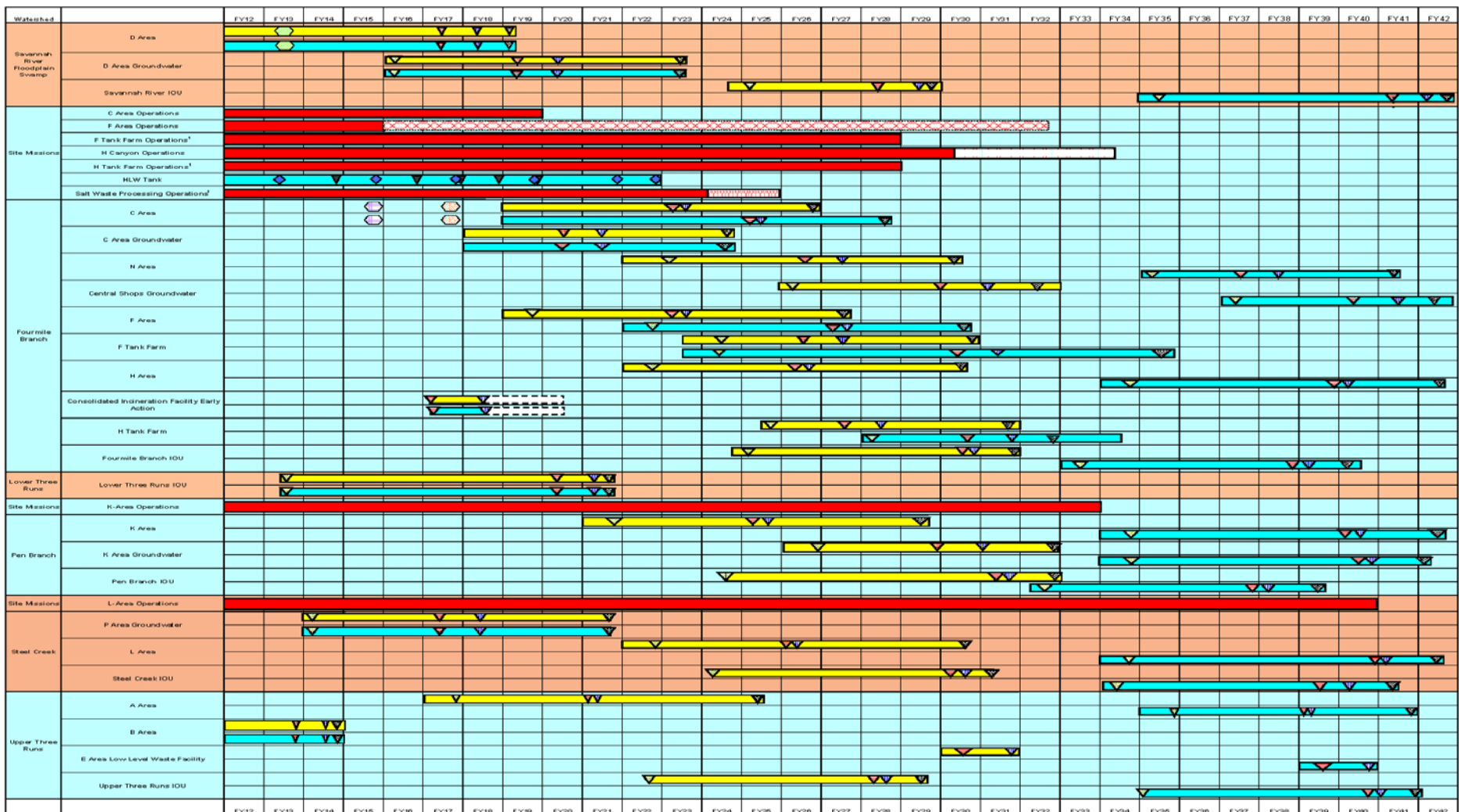
Why?

- Site's Lifecycle Baseline extended from 2034 to 2042
 - H Canyon Operations for dry blending plutonium from K Area with inert materials for final disposal
 - K Area Operations for storage of plutonium to be shipped to H Canyon
 - L Area Operations for continued storage of spent (used) nuclear fuel while awaiting disposition decision
 - Facilities/areas required to support these ongoing missions
- Time periods where minimal cleanup work is scheduled to complete
- Request of EPA Region 4 and SCDHEC via approval of 2013 Appendix E
 - Evaluate the acceleration of subunits



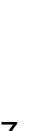
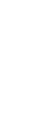
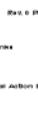
SRS

Area Completion Strategy Plan



Legend

FY2012 Appendix E Rev. 1
 FY2015 Appendix E Rev. 0
 Other Site Missions
 Actual Duration Unknown
 Potential Mission Supporting E- and H Tank Farm Operations
 SWPF Cleaning/Refining
 H Canyon Cleaning/Refining



¹ The end dates for these site missions are based on the Liquid Waste System Plan (SRR-LWP-2009-00001, Rev. 17, February 29, 2012), which has been approved by DOE.

Revisiting the Area Completion Strategy

➤ Who?

- EPA Region 4
- SCDHEC
- DOE-SR
 - Site Contractors

➤ When?

- Now!
 - Preliminary discussions have begun between DOE-SR and SRNS
 - Preliminary discussions with the CAB
- Submittal of the 2014 Appendix E (November 2013)



Area Completion Strategy Summary

DOE, EPA and SCDHEC will be well positioned to achieve further efficiencies and complete SRS cleanup by 2042 utilizing a revised Area Completion Strategy.



Questions and Answers

