



**Savannah River
Remediation**

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We do the right thing.

Tank 12 Schedule - Closure Module Based on Informed Inventory with Post Final Characterization Confirmation and Additional Public Comment Prior to Final Approvals



Presentation to SCDHEC and EPA

August 6, 2014

SRR-CWDA-2014-00078

We do the right thing.

- H-Tank Farm (HTF) Performance Assessment (PA) modeling based on data available when PA prepared
 - Each tank has assigned individual inventory based on waste characterization system (WCS) data
 - PA inventories are updated based on results from each tank's residual characterization
- Tank 12 Informed Inventory includes updated process knowledge
 - Process samples collected during Bulk Oxalic Acid (BOA) cleaning phase
 - Preliminary Tank 16 residuals characterization data

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- Scoping HTF modeling runs will be conducted to better understand how Tank 12 inventory variability impacts the HTF PA results
 - Will be used to assess impact of any delta between Tank 12 final characterization data and Tank 12 informed inventory
 - Inventory sensitivity analyses can improve efficiency in Tank 12 Special Analysis (SA) process

We do the right thing.

- Closure Module (CM) developed based on Tank 12 informed inventory
- CM conditionally approved after completion of review cycles and public comment period
 - Conditional approval obtained pending completion of the final residual characterization and subsequent assessment in Tank 12 SA
- Addendum to CM developed to incorporate final residual characterization and corresponding Tank 12 SA results
 - Tank 12 SA will
 - compare the Tank 12 informed inventory to the final Tank 12 inventory, and
 - highlight any inventory differences and evaluate the impact of any deltas on CM conclusions
- Addendum to CM approved after completion of review cycles and additional public comment period

We do the right thing.

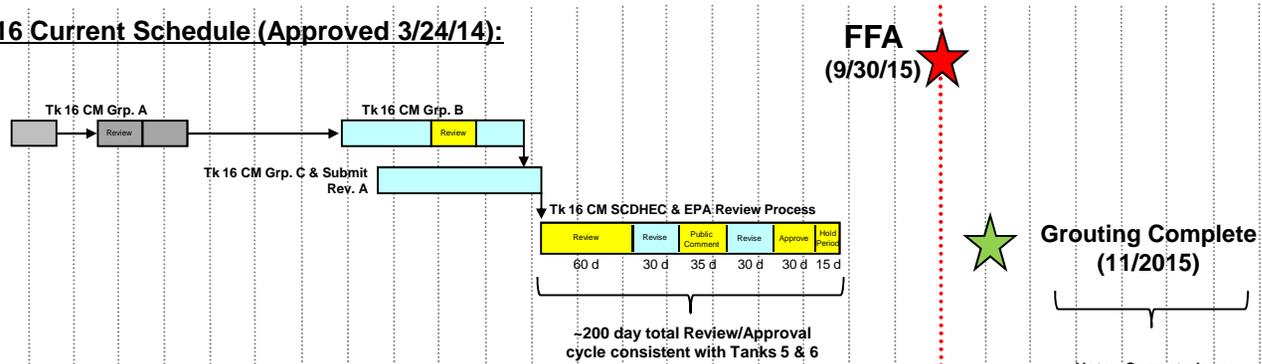
- Possible that revision of the HTF General Closure Plan (GCP) may be required
- Revised Tank 12 SA could be issued at a later date
 - Revised SA modeling runs would use an updated HTF inventory that included the Tank 12 final inventory and other acquired process knowledge (e.g., Tank 15 informed inventory data)
 - Cycle repeats itself, ultimately accelerating closure of the Tank Farm

BACK-UP SLIDES

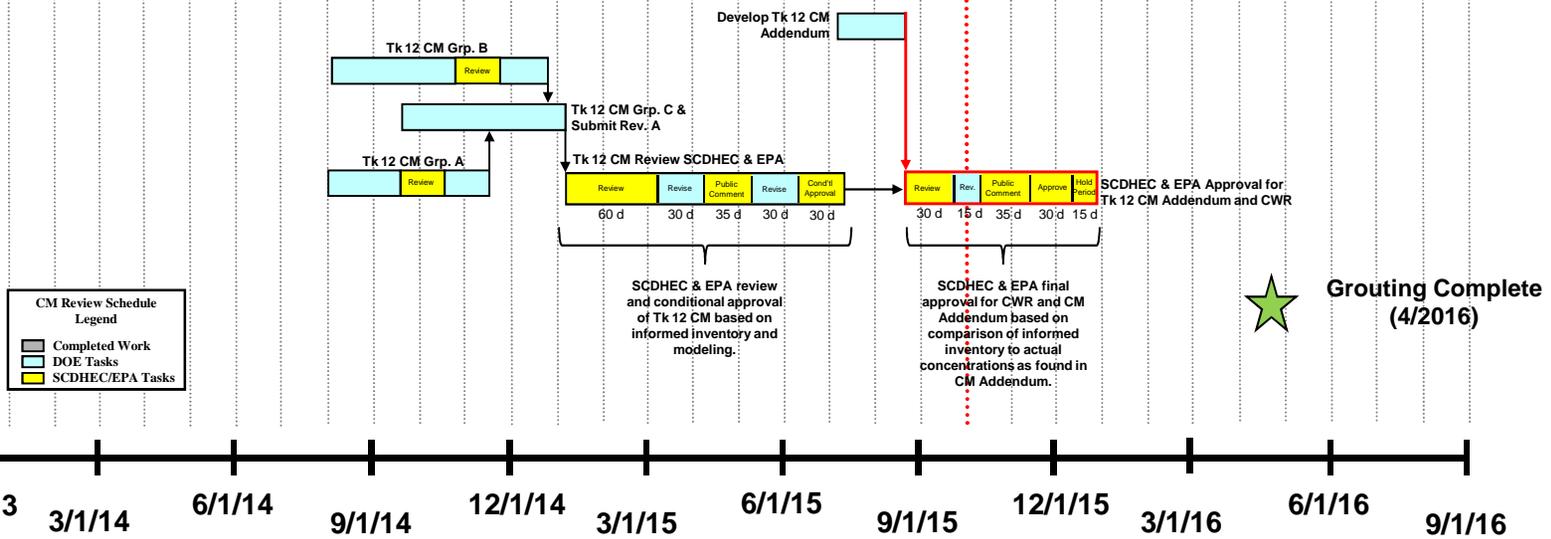
Tank 16 and 12 Review Cycle Timing Summary

We do the right thing.

Tank 16 Current Schedule (Approved 3/24/14):



Tank 12 Challenge Schedule:



CM Review Schedule Legend

Grey box	Completed Work
Light blue box	DOE Tasks
Yellow box	SCDHEC/EPA Tasks