



We do the right thing.

SRR Project Execution Plan for FY10

Presented to the SRS Citizen's Advisory Board

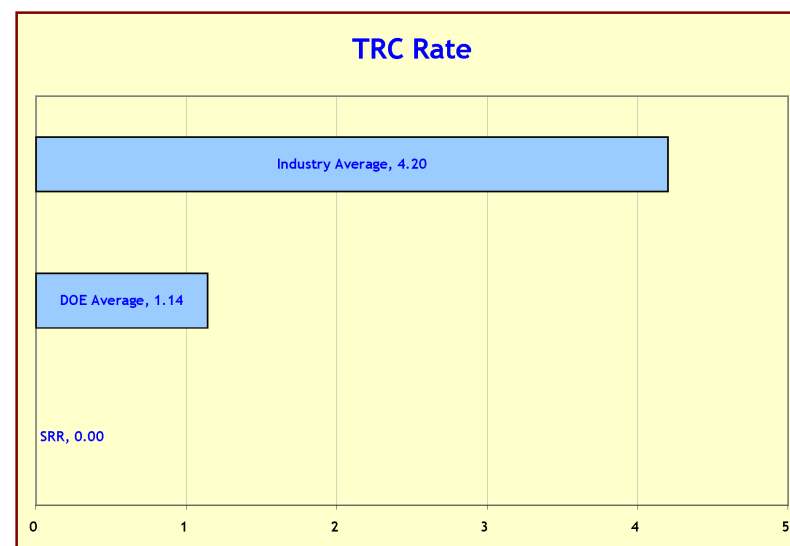


Dave Olson
Deputy Project Manager
SRR

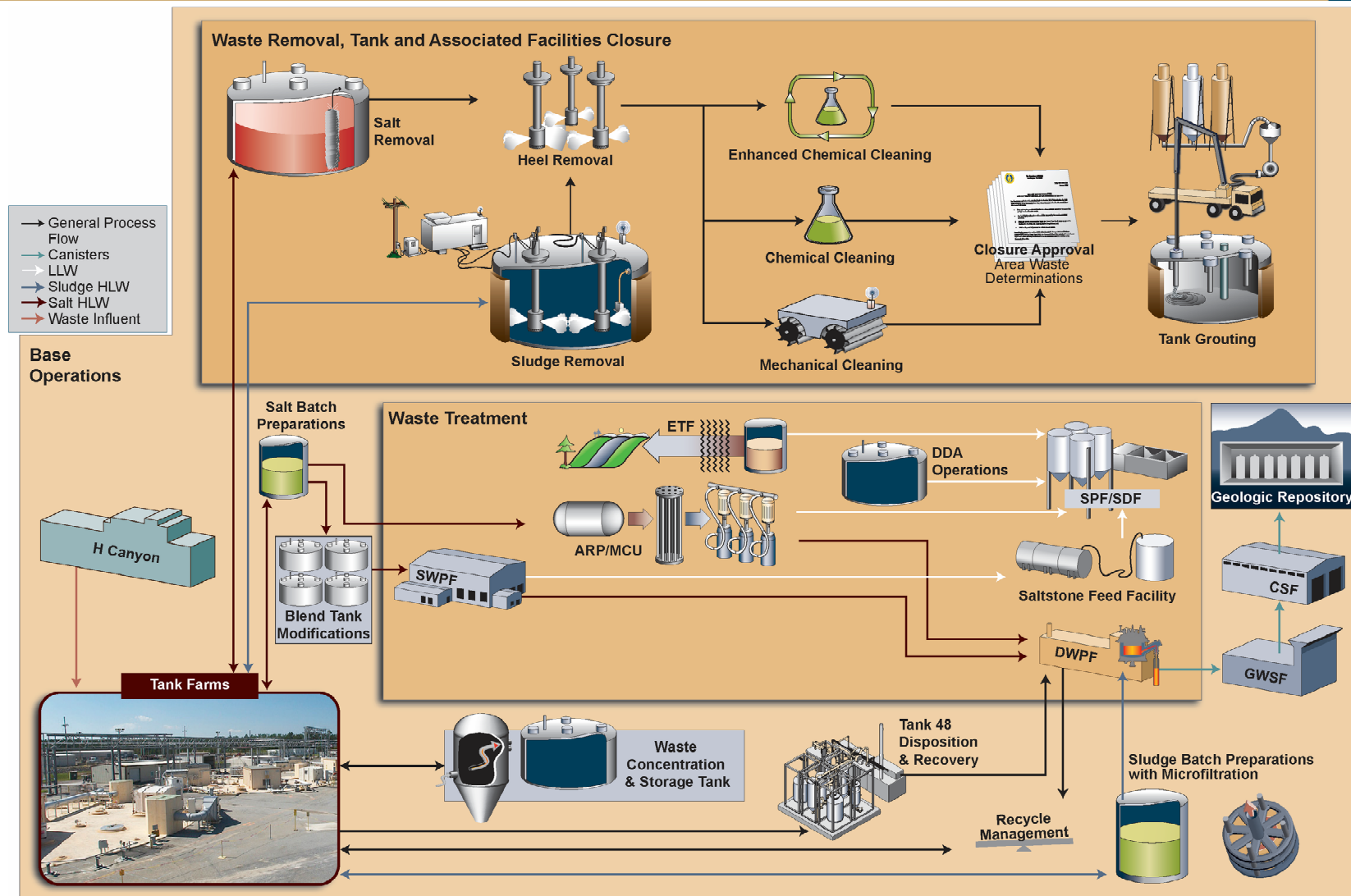
Pete Hill
Planning and Risk Management
SRR

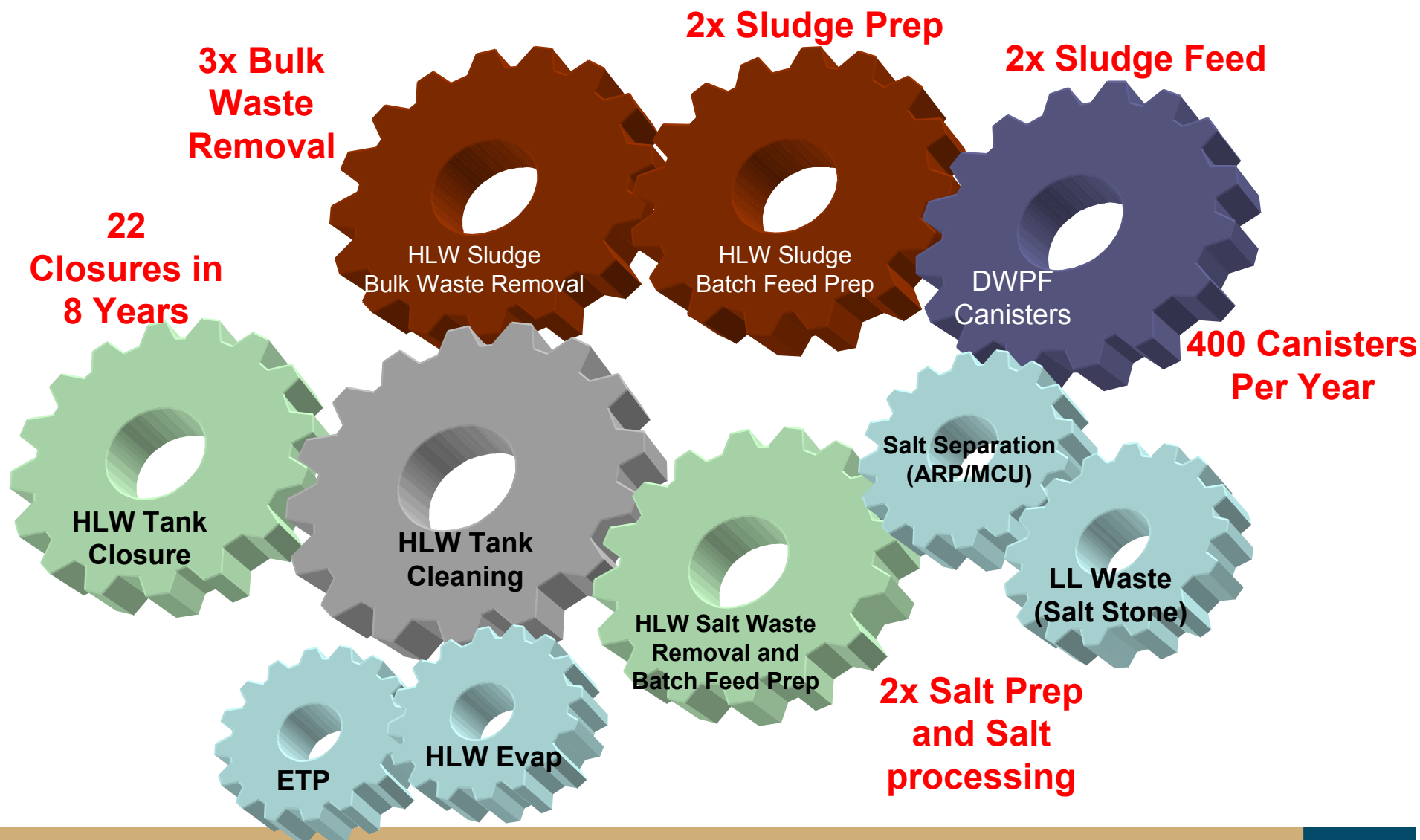
- Safety
- Process Overview
- FY10 Objectives
- FY10 Specific Activities
 - Tank Operational Closure
 - Salt Processing
 - Sludge Processing
- Summary

- SRR is building upon the safety tradition by retaining safety and security as company priorities and prerequisites for any activity, and by performing with uncompromising integrity
- SRR is performing well in safety



Liquid Waste Overview





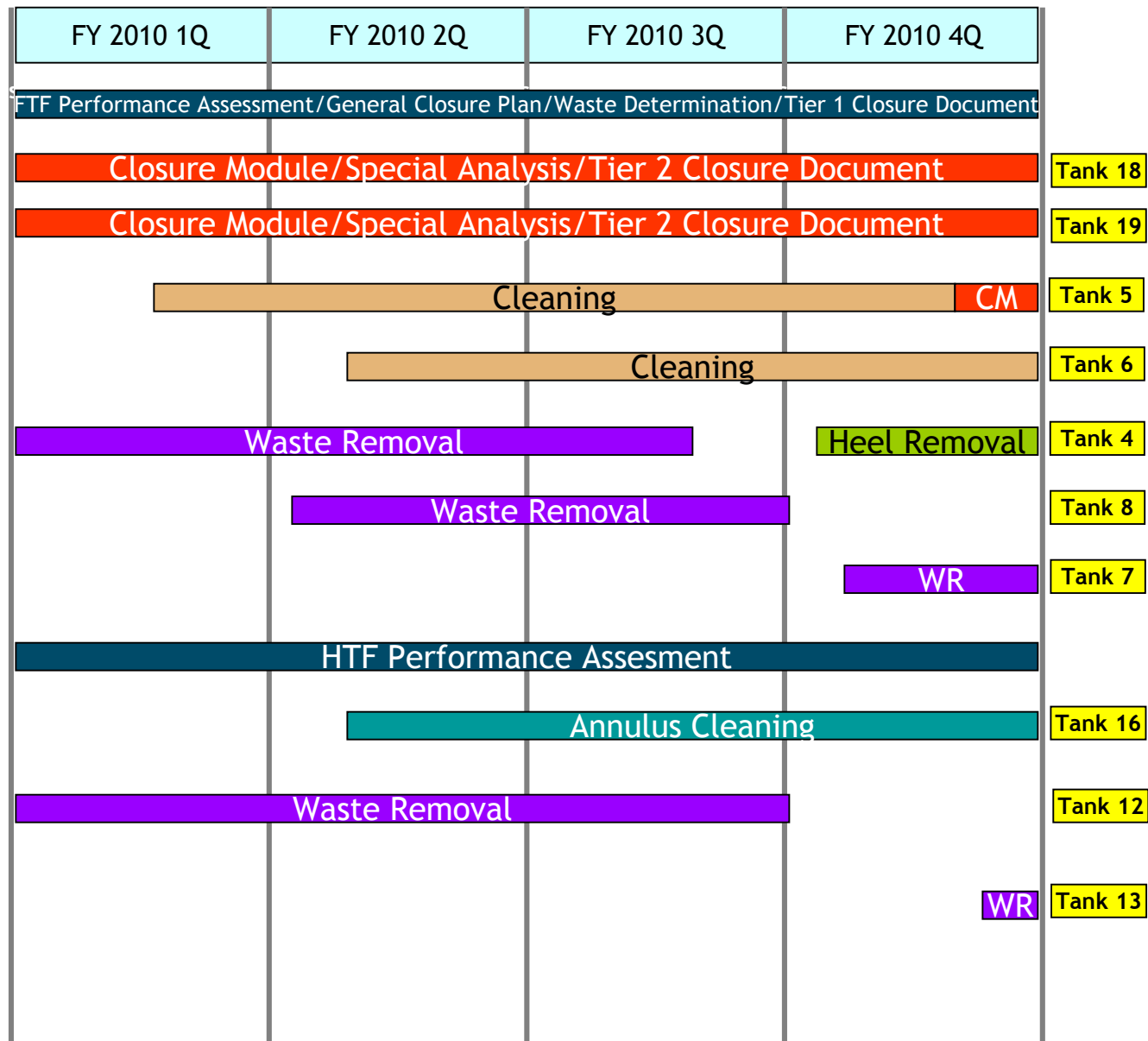
SRR is committed to closing the
22 remaining Type I, II, and IV
tanks in the next 8 years

22 in 8

- Work with regulators to establish procedures to support accelerated tank closures over the next 8 years and begin implementation.
- Increase and sustain interim salt processing (ARP/MCU & SPF) throughput
- Initiate DWPF throughput enhancements

SRR Tank Closure Schedule

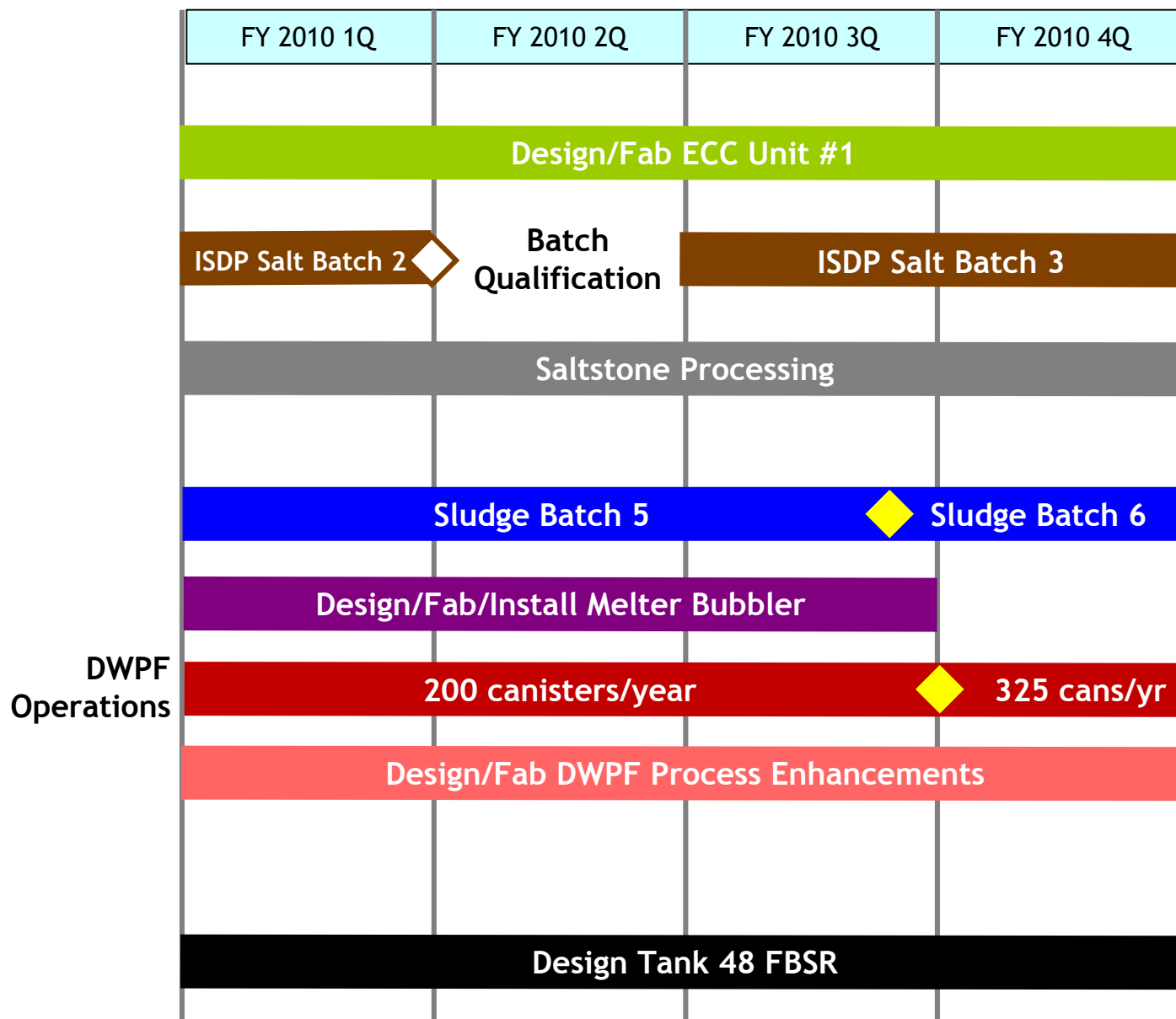
System Plan Revision 15



Note: Scheduled Activities completed pending DOE budget approval

Our Approach

System Plan Revision 15



Note: Scheduled Activities completed pending DOE budget approval

Tank Operational Closure

- Continue Tanks 18 and 19 closure process
- Continue and complete cleaning Tanks 5 and 6
- Complete Tanks 8 and 12 Bulk Waste Removal
- Continue Tank 4 Bulk Waste Removal and initiate heel removal
- Initiate design / procurement of Tank 16 annulus cleaning crawler
- Resume Tank 13 waste removal preparation activities

- Submit draft FTF Waste Determination Basis Document to the NRC for Consultation
- Initiate HTF Performance Assessment development
- Complete ECC real waste testing
- Initiate ECC unit 1 fabrication

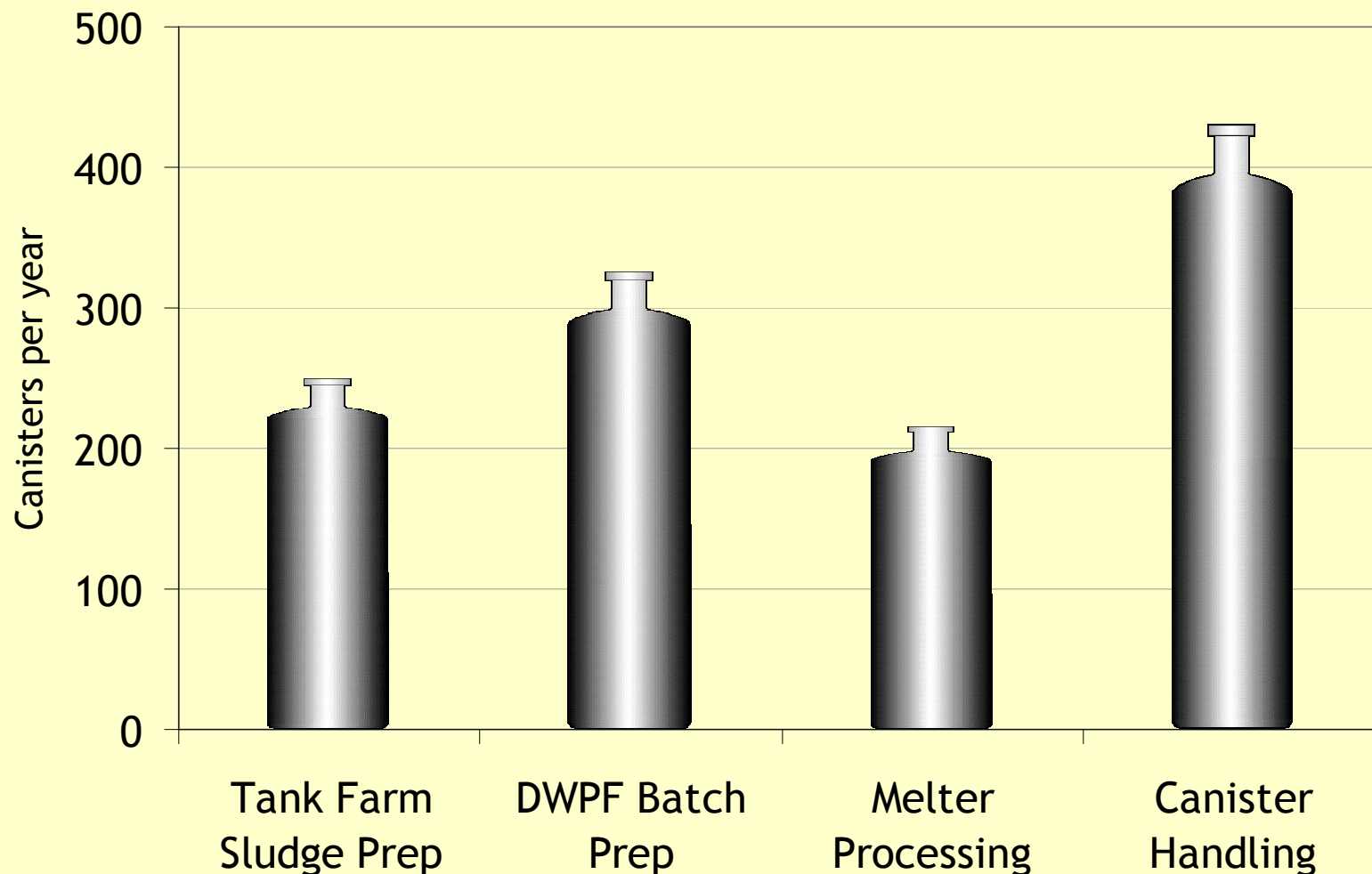
- Complete ARP/MCU Salt Batch 2 (December 2009)
- Assemble and Qualify ARP/MCU Salt Batch 3 in Feed Tank - Tank 49 (February 2010)
- Process ARP/MCU Salt Batch 3 at 40,000 gallons per week (March 2010 - August 2010)
- Initiate combining salt solutions to create ARP/MCU Salt Batch 4 (September 2010)

- Continue design and procurement for SWPF integration projects including Tank 50 return to general HLW service
- Continue efforts to improve reliability/throughput at Saltstone facility
- Continue Tank 48 project activities to support return to general high level waste service

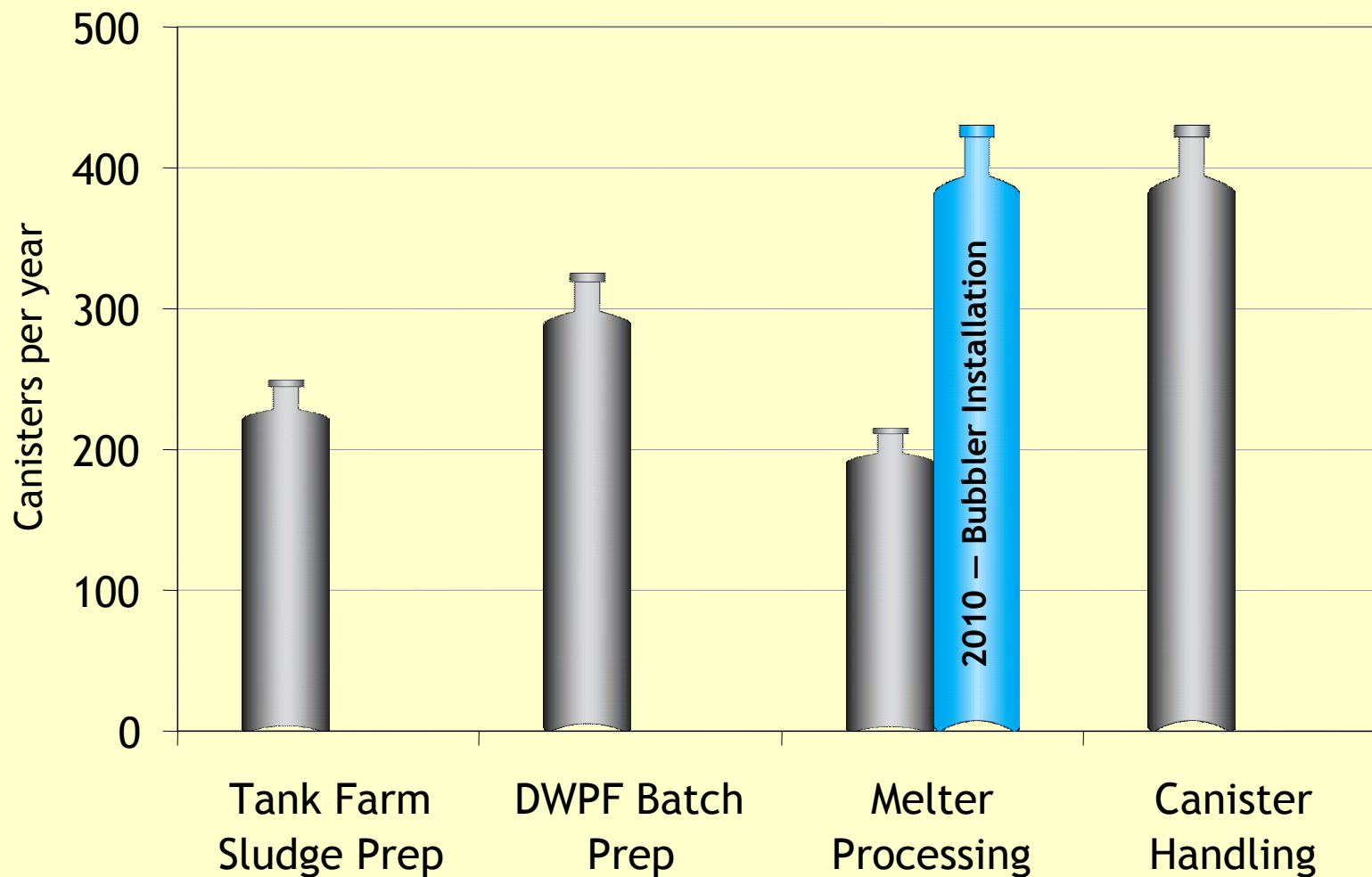
- Continue processing Sludge Batch 5 at rate of 186 cans/year
- Continue Sludge Batch 6 preparation and qualification
- Continue design and fabrication of Melter Bubblers
- Transition to Sludge Batch 6 in July 2010
- Install Melter Bubblers in August 2010 and increase to production rate of 325 cans/year

- Initiate design for sludge washing rotary microfilters
 - To be installed in Tanks 42 and 51 in 2011
- Initiate design for DWPF processing enhancements to support deployment in 2012

Unit Process Canister Production Capability



Unit Process Canister Production Capability



- Tank Operational Closure
 - Continue progress on Tanks 18, 19, 5, 6, 8, and 12 to meet FFA commitments
 - Work with regulators to establish procedures to support accelerated tank closures over the next 8 years and begin implementation
- Salt
 - Continue accelerated interim salt processing with ARP/MCU
 - Develop infrastructure to support SWPF upon startup
- Sludge
 - Accelerate DWPF processing rate to 325 canisters per year by end of FY10
 - Develop infrastructure to increase processing rate to 400 canisters per year in FY12

- System Plan Rev 15, Risk Management Plan Rev 5, and initial SRR Contract Performance Baseline (CPB) submitted to DOE for approval 9/30/09
 - System Plan and Risk Management Plan cover the remainder of the Liquid Waste Lifecycle
 - CPB defines Scope, Schedule, and Cost through June 2017
- DOE approval of baseline documents expected to take approximately 30 days
- CAB briefings on System Plan and CPB after DOE approval

ARP	Actinide Removal Process
CPB	Contract Performance Baseline
DWPF	Defense Waste Processing Facility
ECC	Enhanced Chemical Cleaning
FBSR	Fluidized Bed Steam Reformer
FFA	Federal Facility Agreement
FTF	F Tank Farm
HLW	High Level Waste
HTF	H Tank Farm
ISDP	Interim Salt Disposition Project
MCU	Modular Caustic-Side Solvent Extraction Unit
SPF	Saltstone Processing Facility
SWPF	Salt Waste Processing Facility