



We do the right thing.

SRR Project Execution Plan for FY10

Presented to the SRS Citizen's Advisory Board



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- 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 has worked over 1.3 million hours without a lost time injury



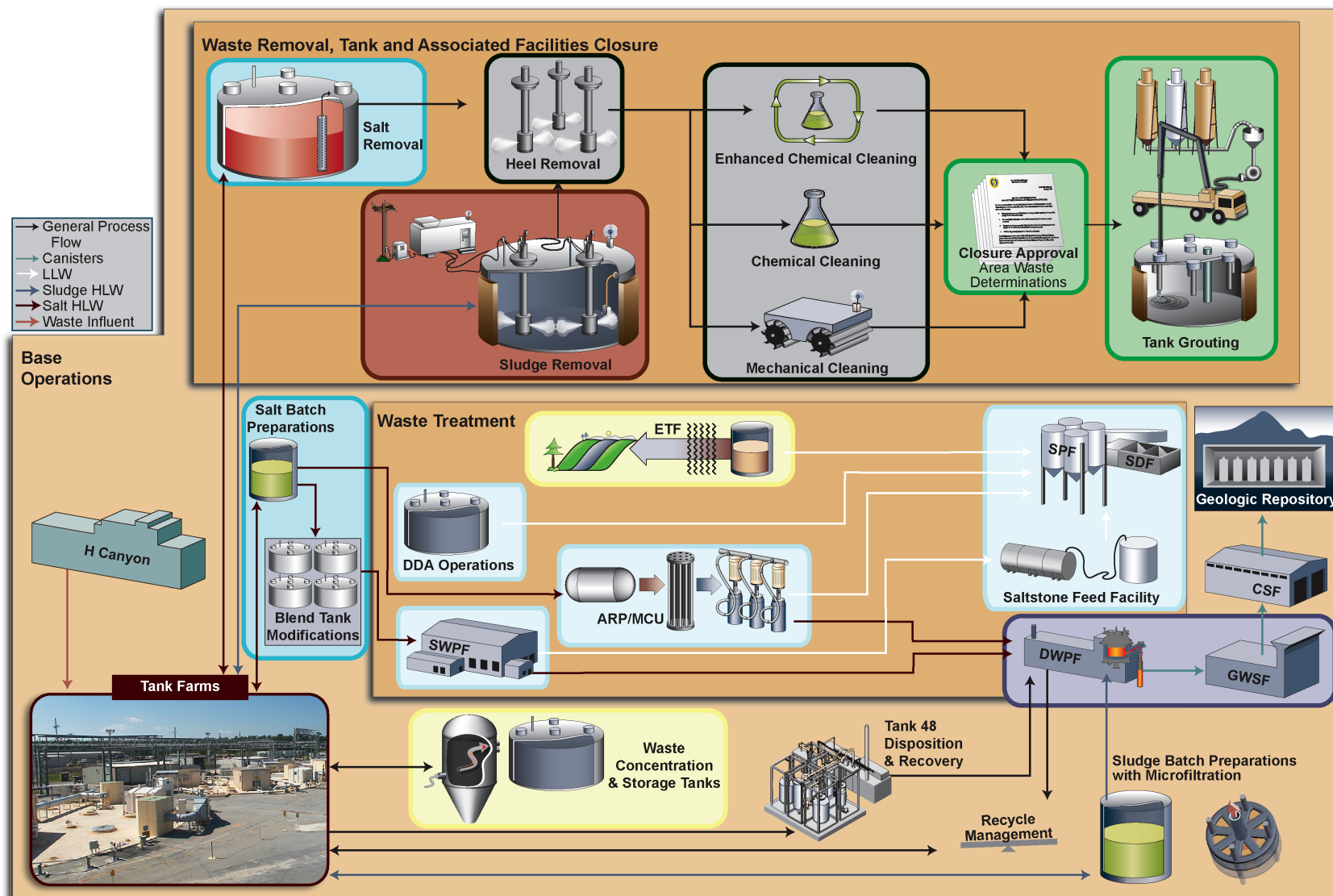
FY10 Total Recordable Case Rate: 0.00

Industry average: 4.2

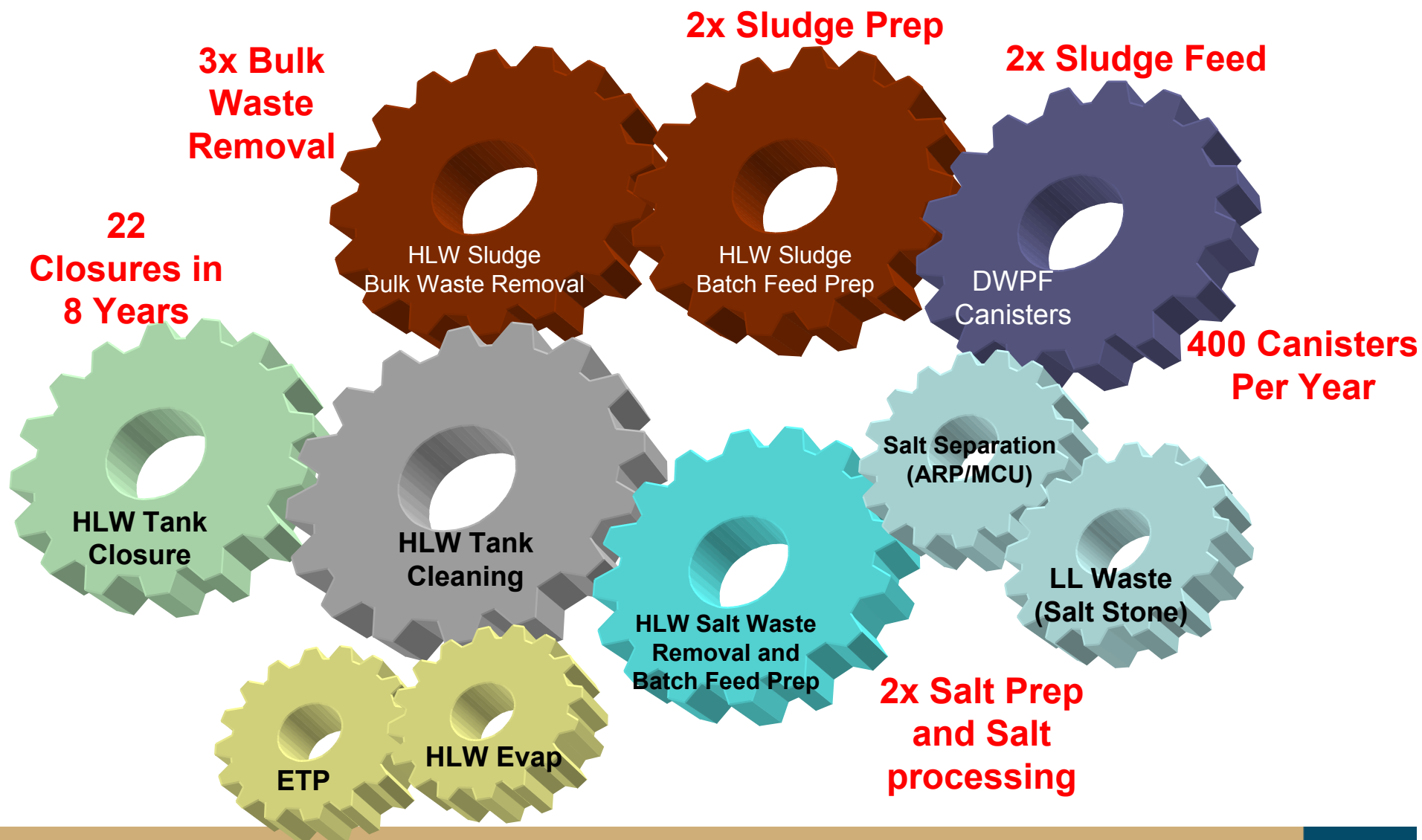
DOE-EM average: 1.14

SRR average: 0.15

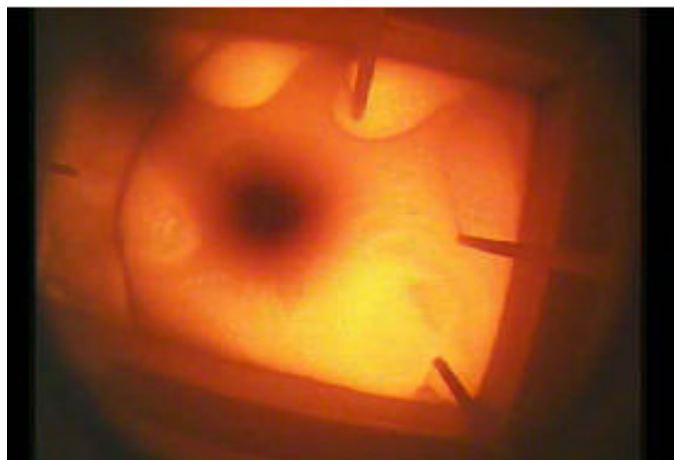
Liquid Waste Overview



Integrated Processing

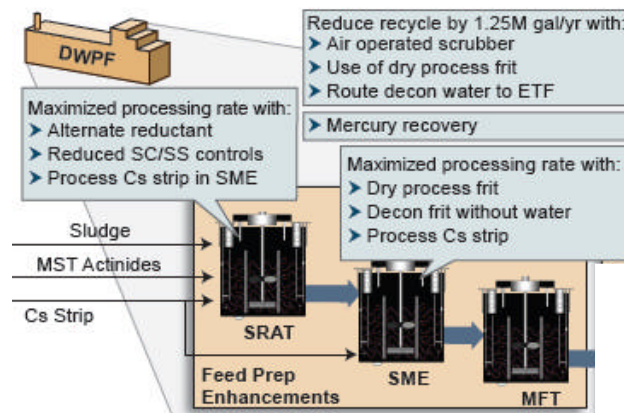


Melter Bubblers

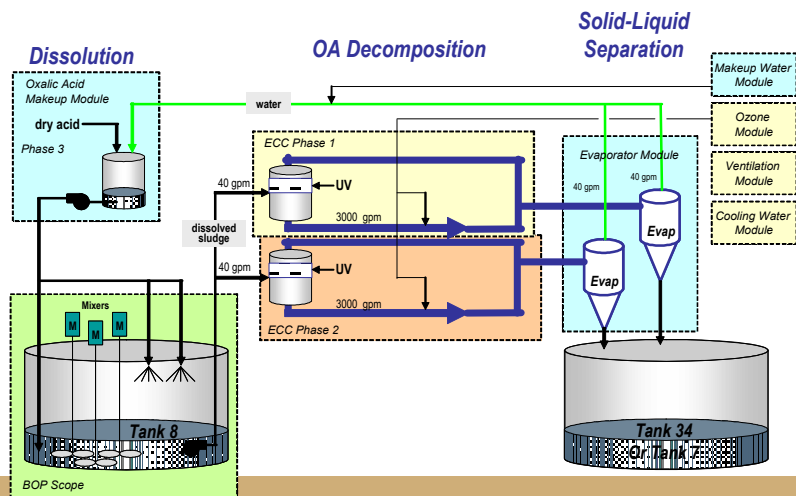


Thanks to Vitreous State
Laboratory

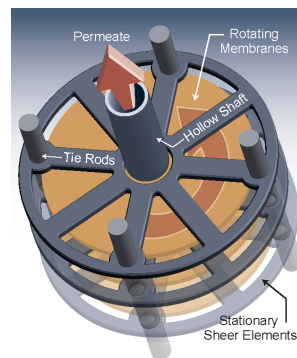
DWPF Process Enhancements



Enhanced Chemical Cleaning



Rotary Microfiltration



- Mature Risk Management process fully integrated with planning process
- Risk Management process:
 - Identify risks
 - Mitigate risks via implementation of Risk Handling Strategies
- Risk Categories include:
 - Technology (including SRR proposed)
 - Business
 - Infrastructure
 - Interface

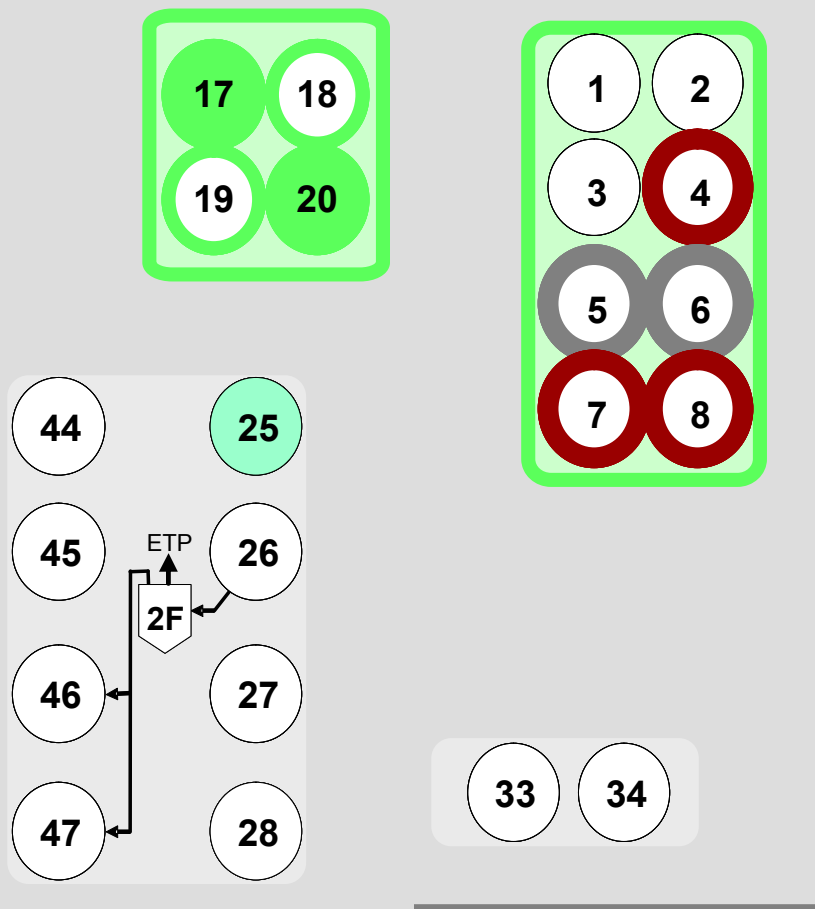
Overall Risk Profile decreased for FY10

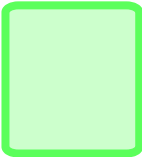







- Fewer High Residual Risks
- Lower Program Contingency

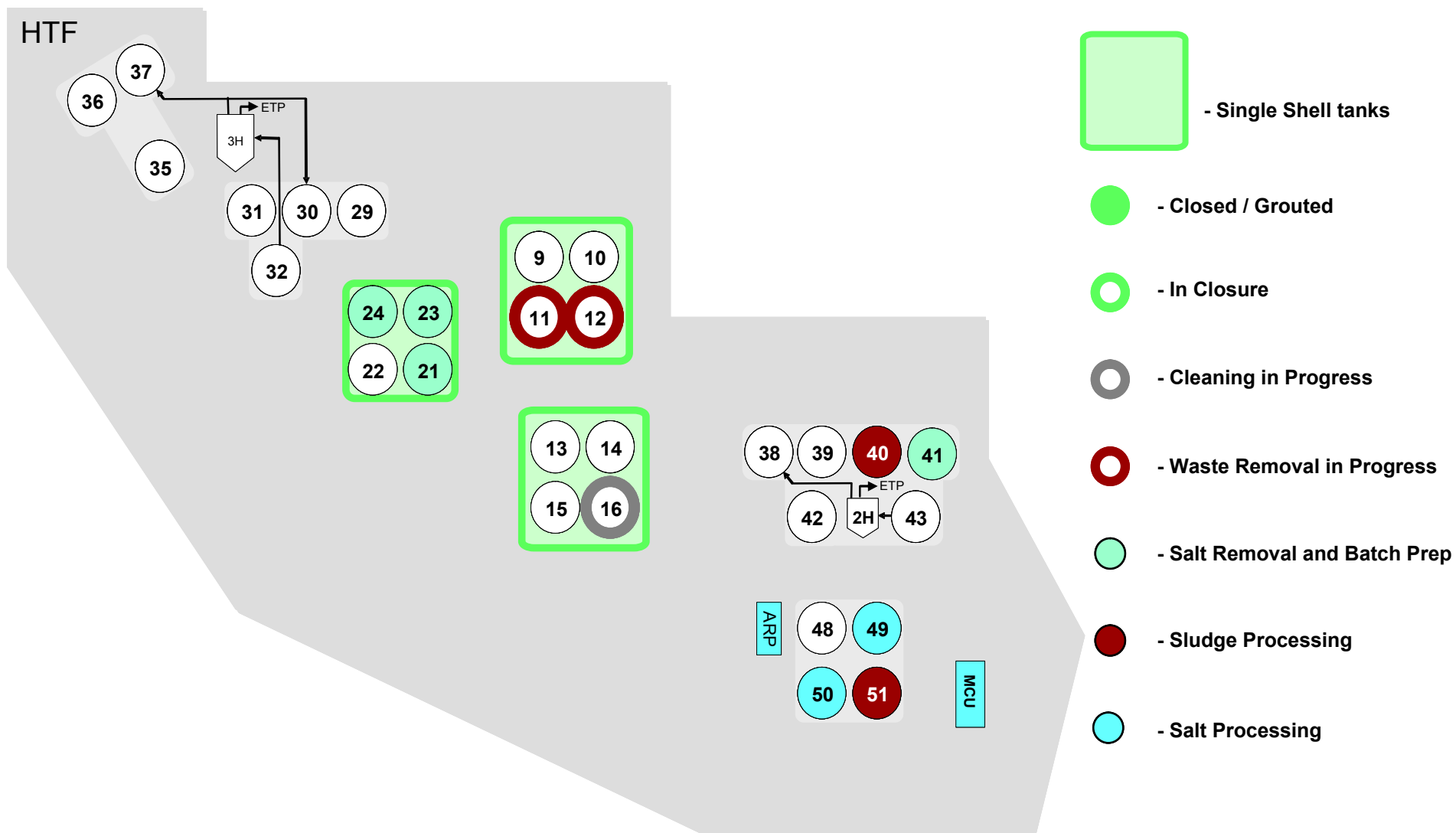
Significant FY10 Objectives

- 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

FTF

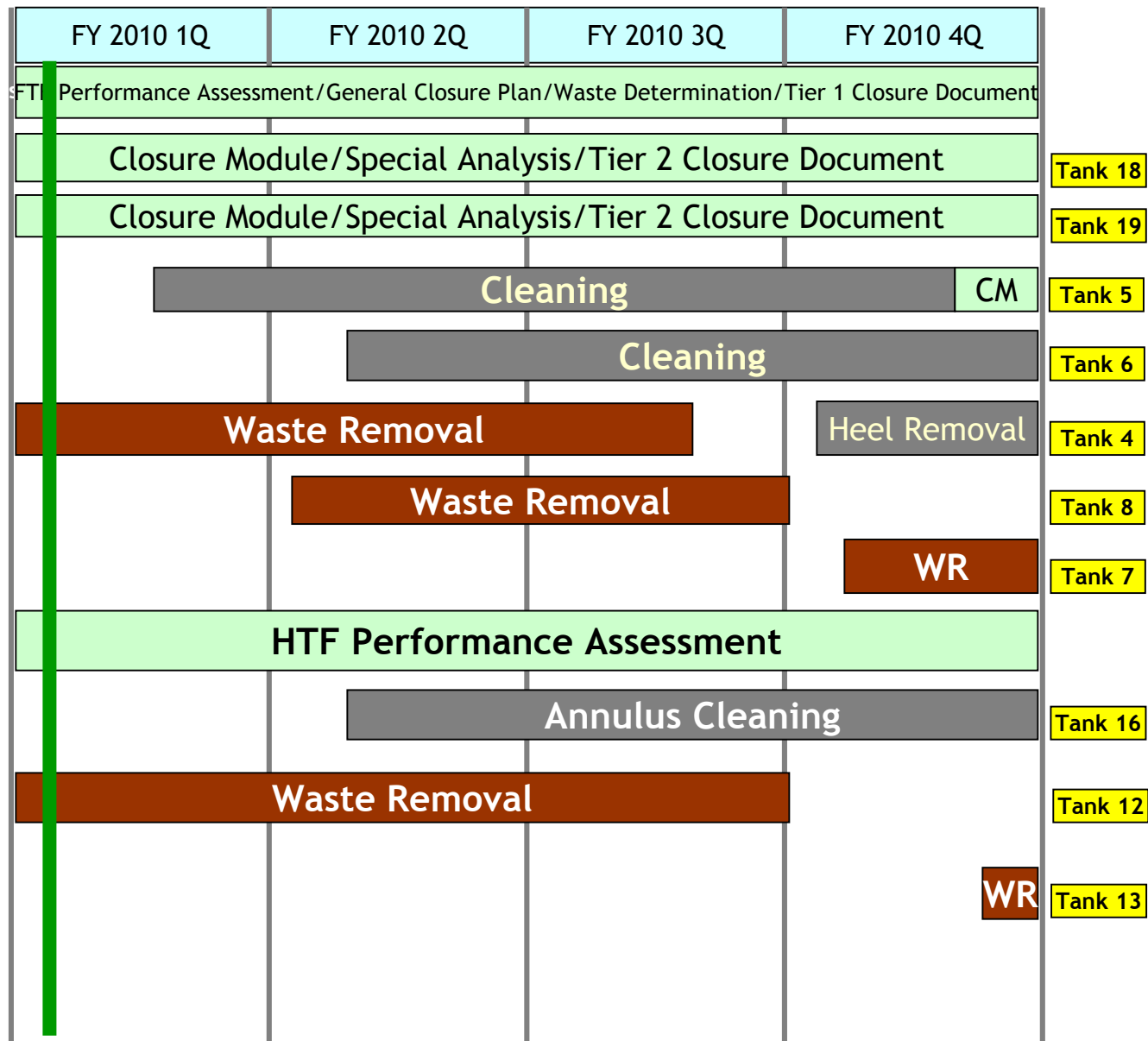


-  - Single Shell tanks
-  - Closed / Grouted
-  - In Closure
-  - Cleaning in Progress
-  - Waste Removal in Progress
-  - Salt Removal and Batch Prep
-  - Sludge Processing
-  - Salt Processing



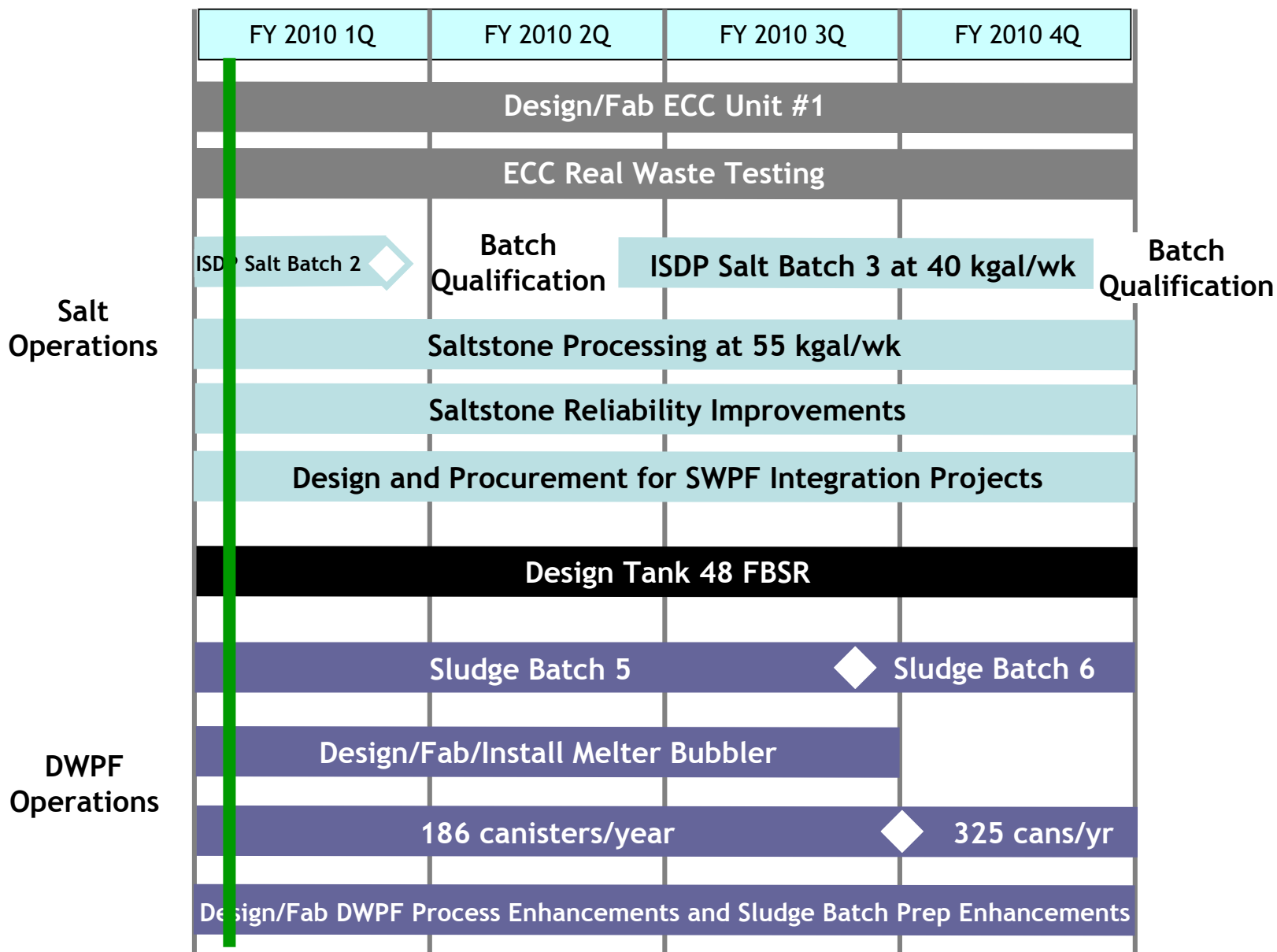
SRR Tank Closure Schedule

System Plan Revision 15



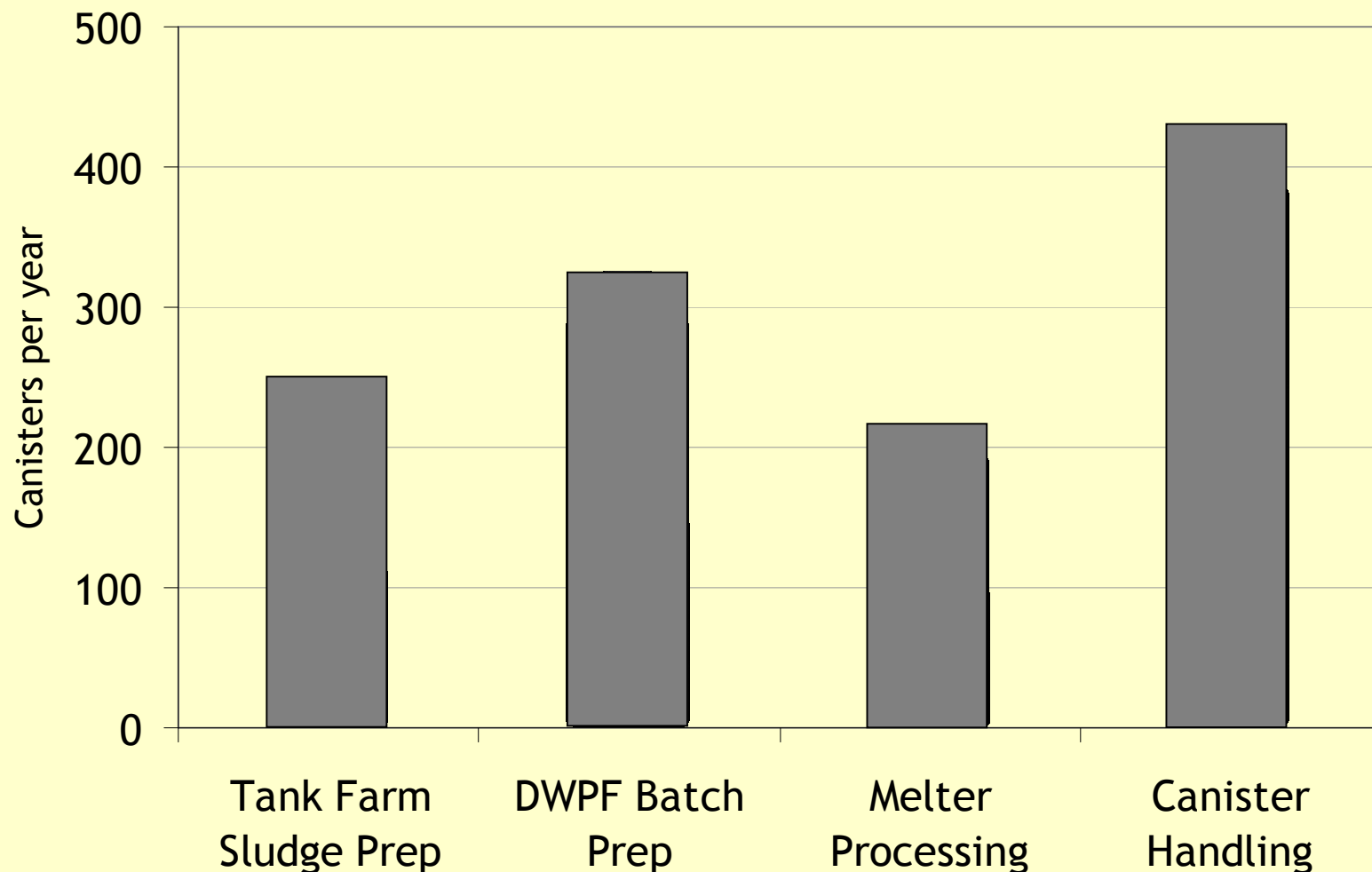
Our Approach

System Plan Revision 15



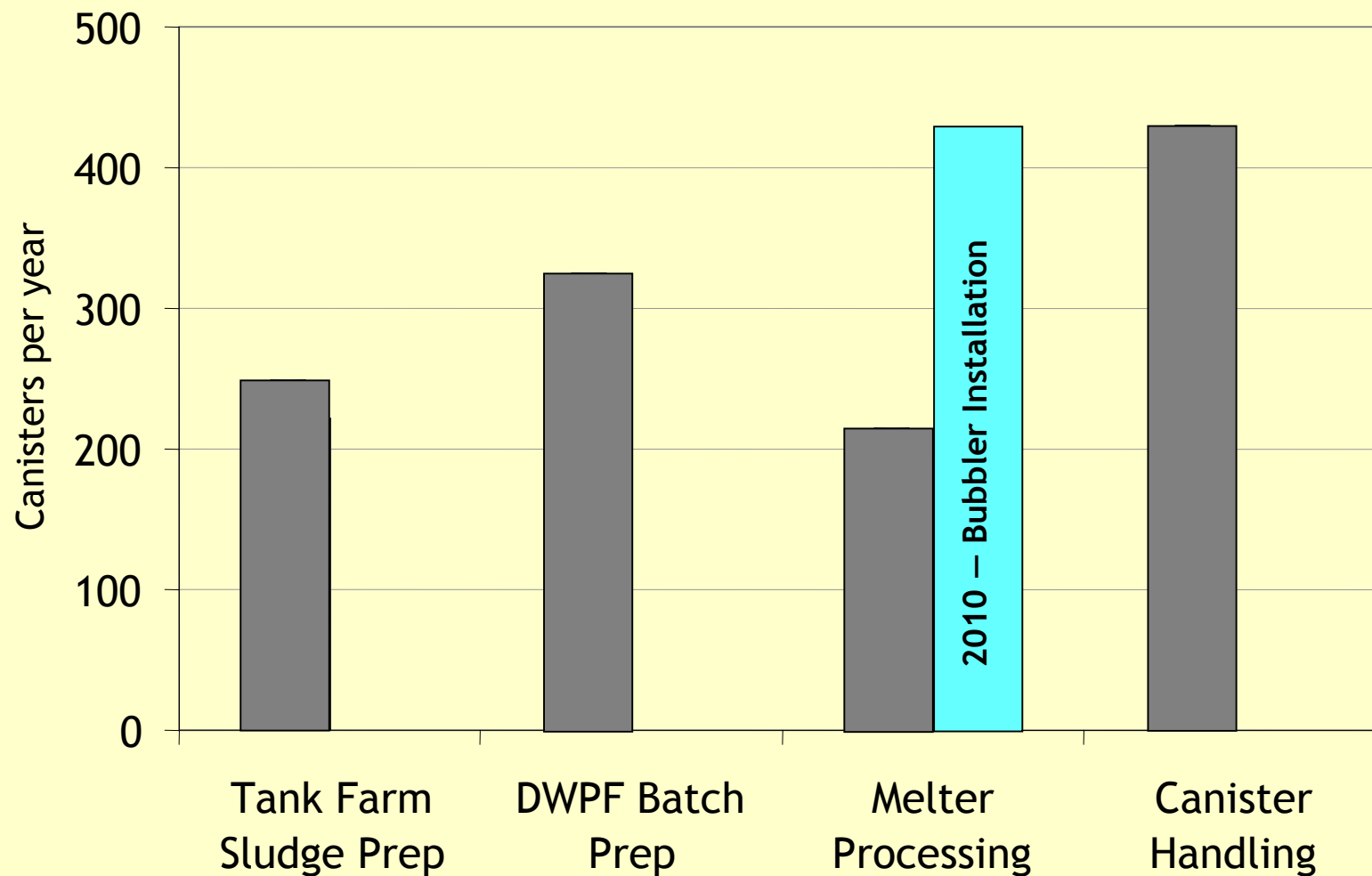
Sludge Processing Capacity

Unit Process Canister Production Capability



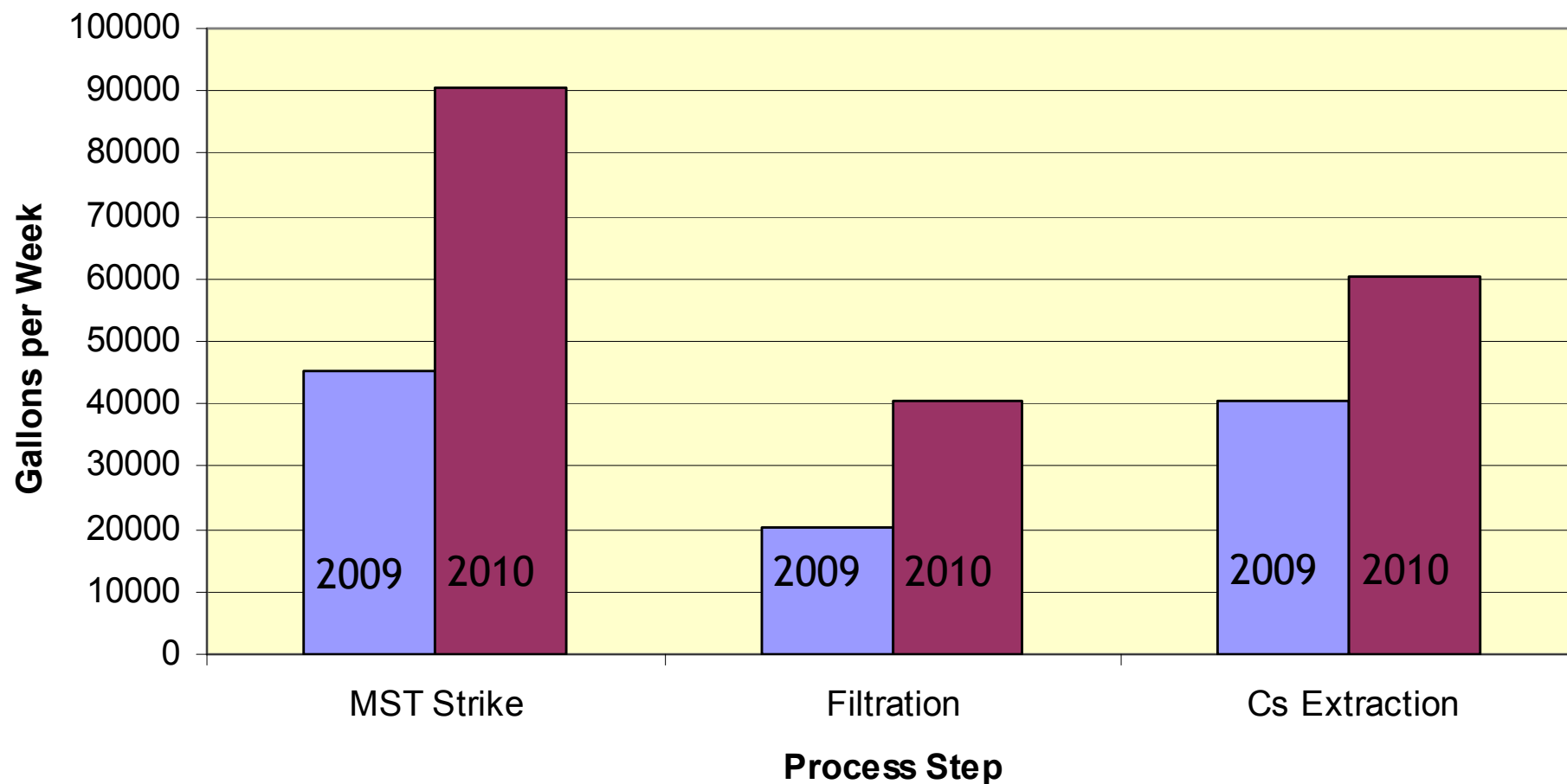
Sludge Processing Capacity

Unit Process Canister Production Capability



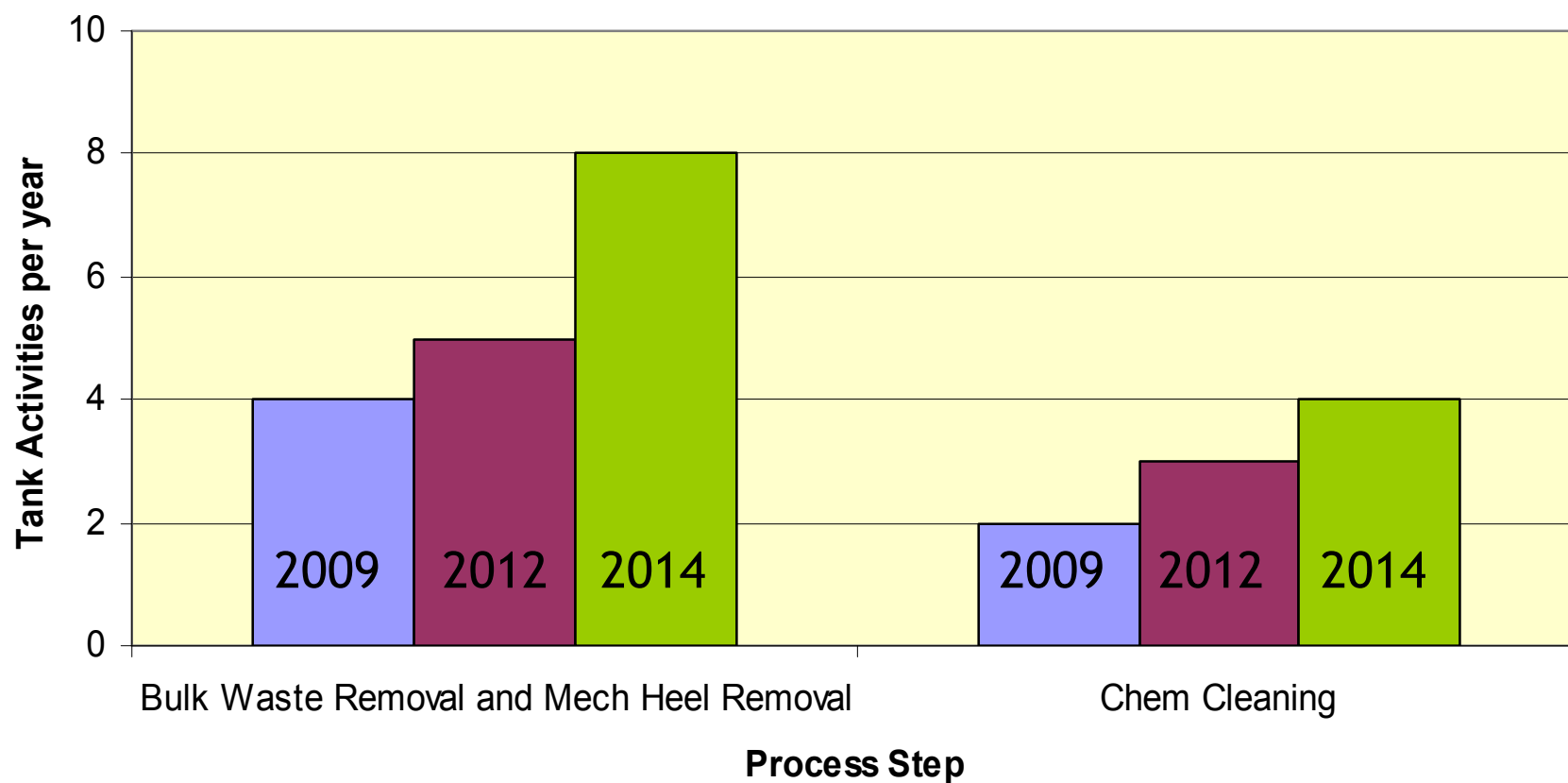
Salt Processing Capacity

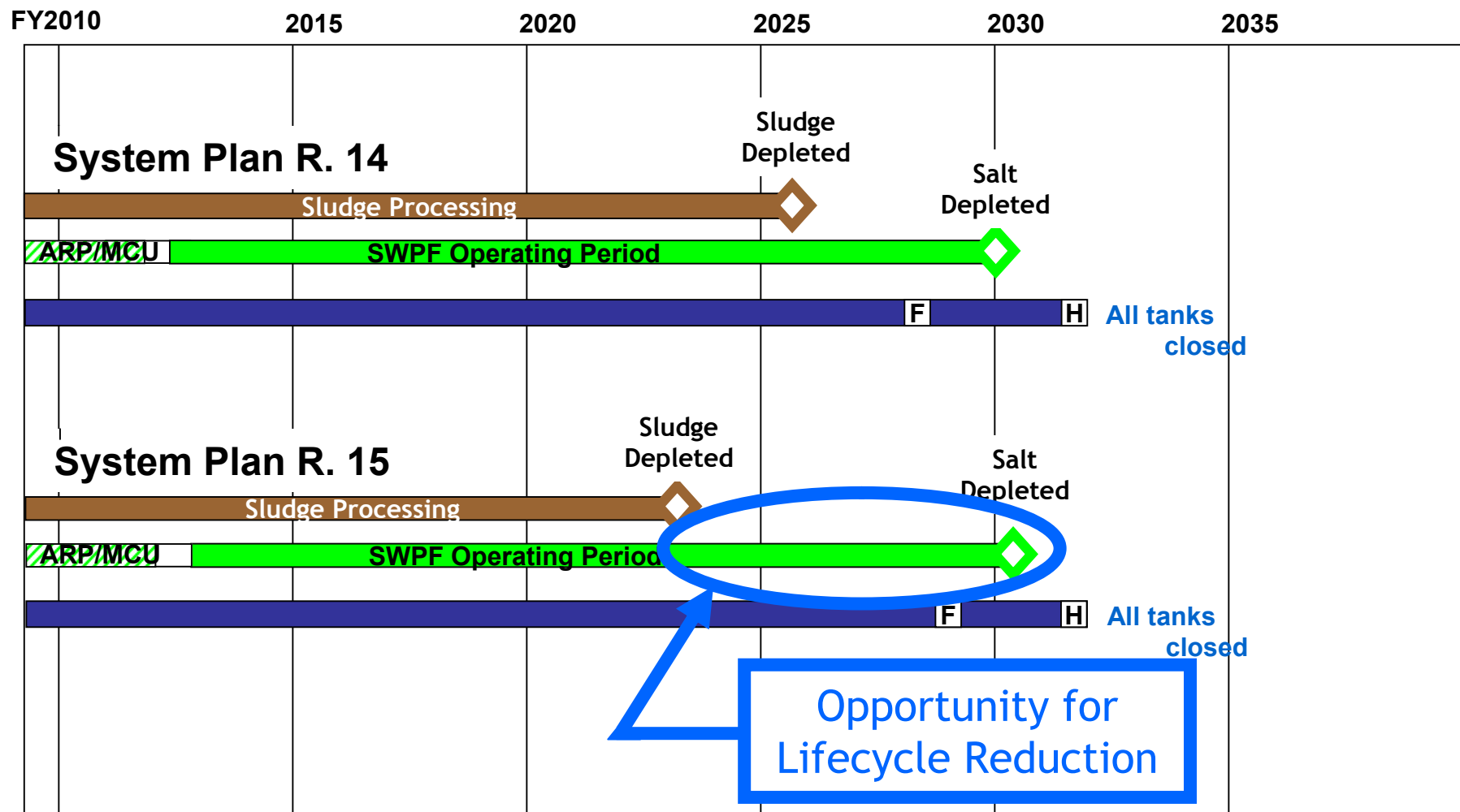
ISDP Weekly Processing Capacity



Tank Closure Capacity

Capacity for Annual Tank Closure Activities





- 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

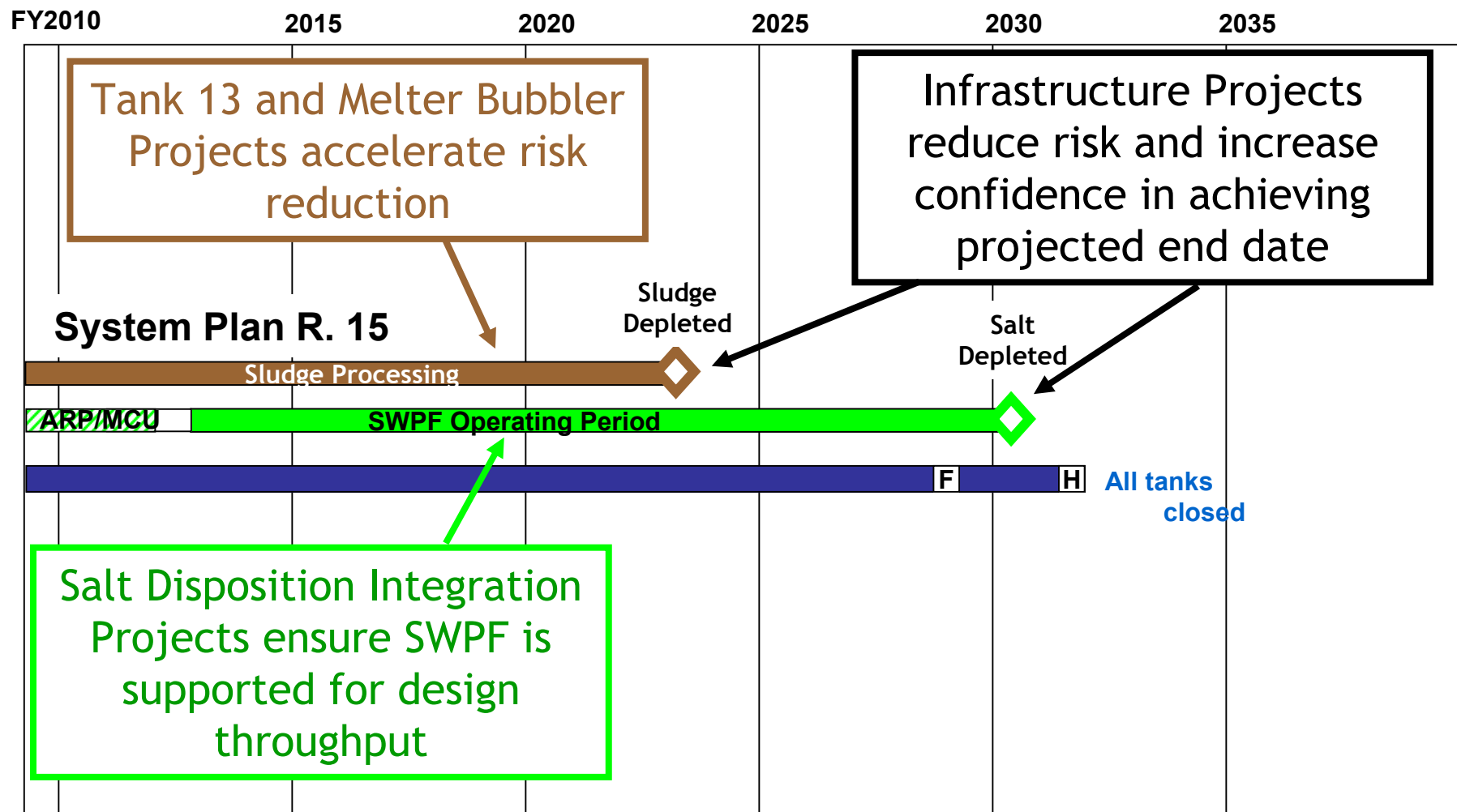
SRR is committed to closing the 22 remaining Single Shell (Type I, II, and IV) tanks in the next 8 years



ARP	Actinide Removal Process
ARRA	American Recovery and Reinvestment Act
CPB	Contract Performance Baseline
Cs	Cesium
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
MST	Monosodium Titanate
SPF	Saltstone Processing Facility
SWPF	Salt Waste Processing Facility
WR	Waste Removal

Backup

ARRA Impact on Lifecycle



Status of Baseline

- 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 working days
- CAB briefings on System Plan and CPB after DOE approval