

A New Day at Savannah River

Dave Olson, President and Program Manager

April 11, 2022



Savannah River Mission Completion



Teaming Partners



Proudly led by



Integrated subcontractors



Responsible for eliminating radioactive liquid waste produced from Cold War era nuclear weapons production

- SRMC's 10-year contract began on **February 27, 2022**
- Current workforce of **~3,100 employees** (including subcontractors)

Who's on the Team



**President and
Program Manager**
Dave Olson

- Employee concerns
- Contractor assurance

- Internal oversight
- External affairs
- Legal



**Chief Administrative
Officer**
Mark Barth



**Optimization &
Integration Director**
Mike Borders

Planning and Optimization



**Chief Operations
Officer**
Wyatt Clark

Tank Farms

Tank Closure

DWPF

Capital Projects

SWPF

Saltstone

End State Delivery



ESH&Q Director
Joel Cantrell



Chief Engineer
Tom Burns

Compliance and Innovation

How We Stay In Alignment



Provide a comprehensive risk-based methodology to the SRS legacy cleanup project, such as the dispositioning of radioactive liquid waste through the Salt Waste Processing Facility

Scope

- ▶ Project Management and Support Services
- ▶ Liquid Waste Stabilization/Disposition
- ▶ May include Nuclear Materials Management and Stabilization

Contract value: estimated ceiling of approximately \$21 billion over a 10-year ordering period



In addition, SRMC will integrate the Salt Waste Processing Facility into the SRS liquid waste system to maximize salt waste processing and tank closures

Management Approach



SRMC is committed to partnering with the DOE to seamlessly and safely transform SRS liquid waste operations to an end state-driven culture of completion.

Five primary initiatives in order to meet the goals of the DOE's end state contracting model:

- ▶ Liquid waste system optimization and improvement
- ▶ Services review and cost reduction
- ▶ Work process improvement
- ▶ Enhanced workforce / small business utilization
- ▶ Risk-based, end-state regulatory partnering



Small business outreach

- ▶ Committed to subcontract 20% of the cumulative value of task orders to small businesses
- ▶ Maximize meaningful small business participation in our accelerated cleanup
- ▶ Further enlarge the qualified small business pool

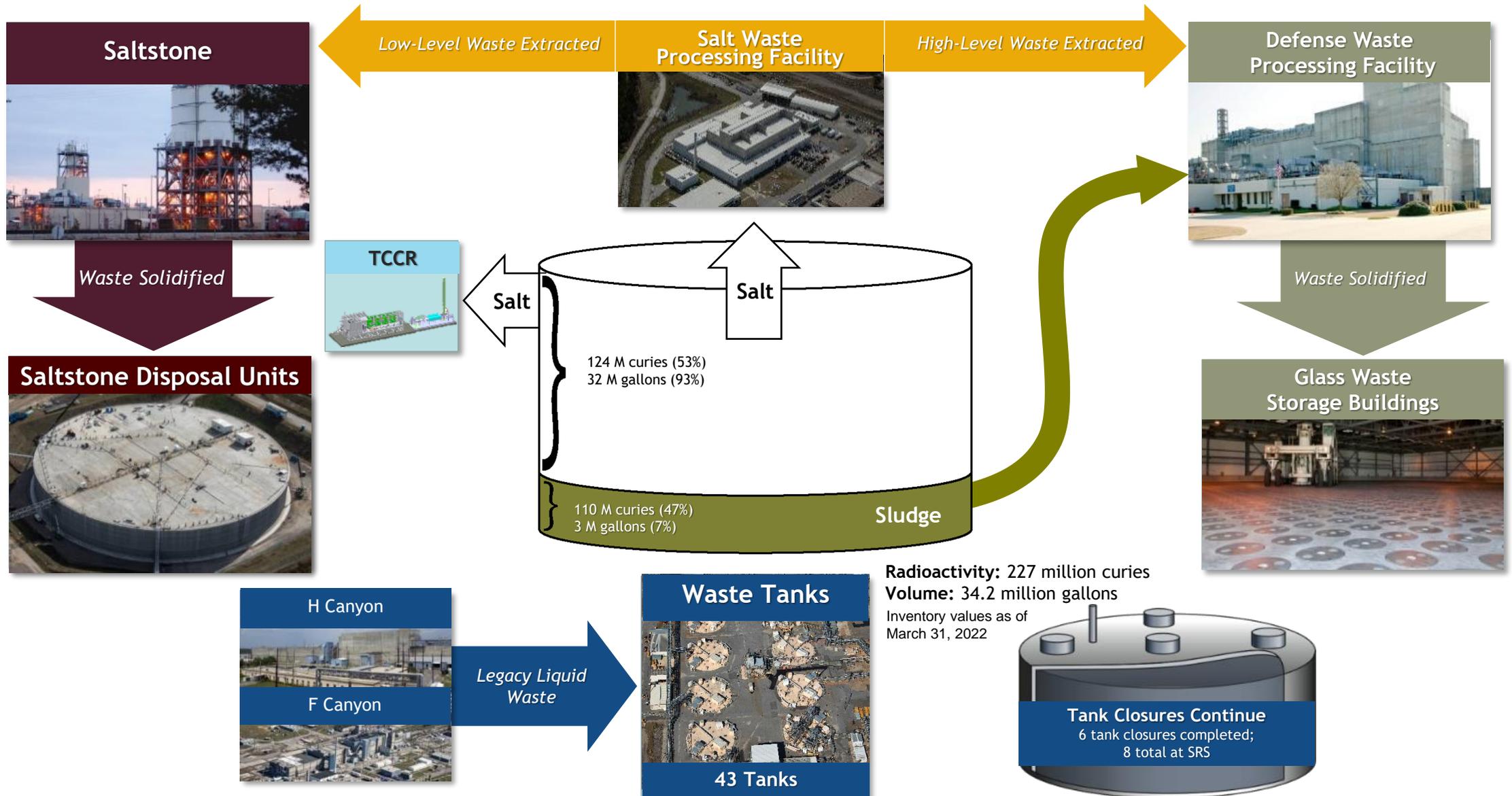


Community investment

- ▶ SRMC's community commitment covers four primary areas:
 - ▶ Regional educational outreach
 - ▶ Regional purchasing programs
 - ▶ Community support
 - ▶ Workforce and economic development
- ▶ We will seek community input on plans



Liquid Waste Path



Liquid Waste Facilities Overview



Salt Waste Processing Facility

Est. 2020

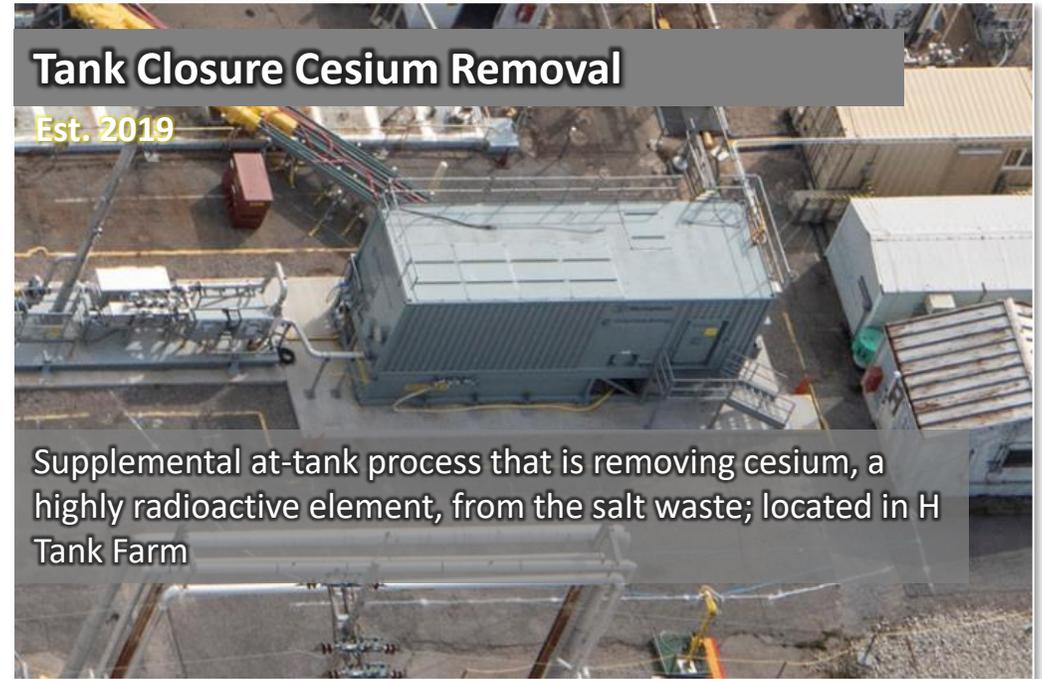


SRS' newest liquid waste facility: Innovative, two-step clean-up process treating H Tank Farm waste stream

- ▶ Began operations January 18, 2021
- ▶ Decontaminates waste using proven technology piloted by SRR
- ▶ Will process majority of Site's tank waste

Tank Closure Cesium Removal

Est. 2019



Supplemental at-tank process that is removing cesium, a highly radioactive element, from the salt waste; located in H Tank Farm

- ▶ Pilot demonstration to assist in acceleration of tank closure
- ▶ 300,000 gallons total processed
- ▶ TCCR-1A deployed at Tank 9

These facilities will process 90 percent of the tank waste stored at the Savannah River Site

Integrating with the Salt Waste Processing Facility (SWPF)

- ▶ All Liquid Waste Systems have been successfully operated to support SWPF and now the entire liquid waste system is under one contract
- ▶ Two million gallons processed at SWPF in first year, which ended in January
- ▶ SWPF processing leading to many processing records for a single Fiscal Year (FY):



SRR has transferred more salt waste than ever before, breaking Tank Farm Fiscal Year record for total salt waste transferred to a processing facility, set in FY13



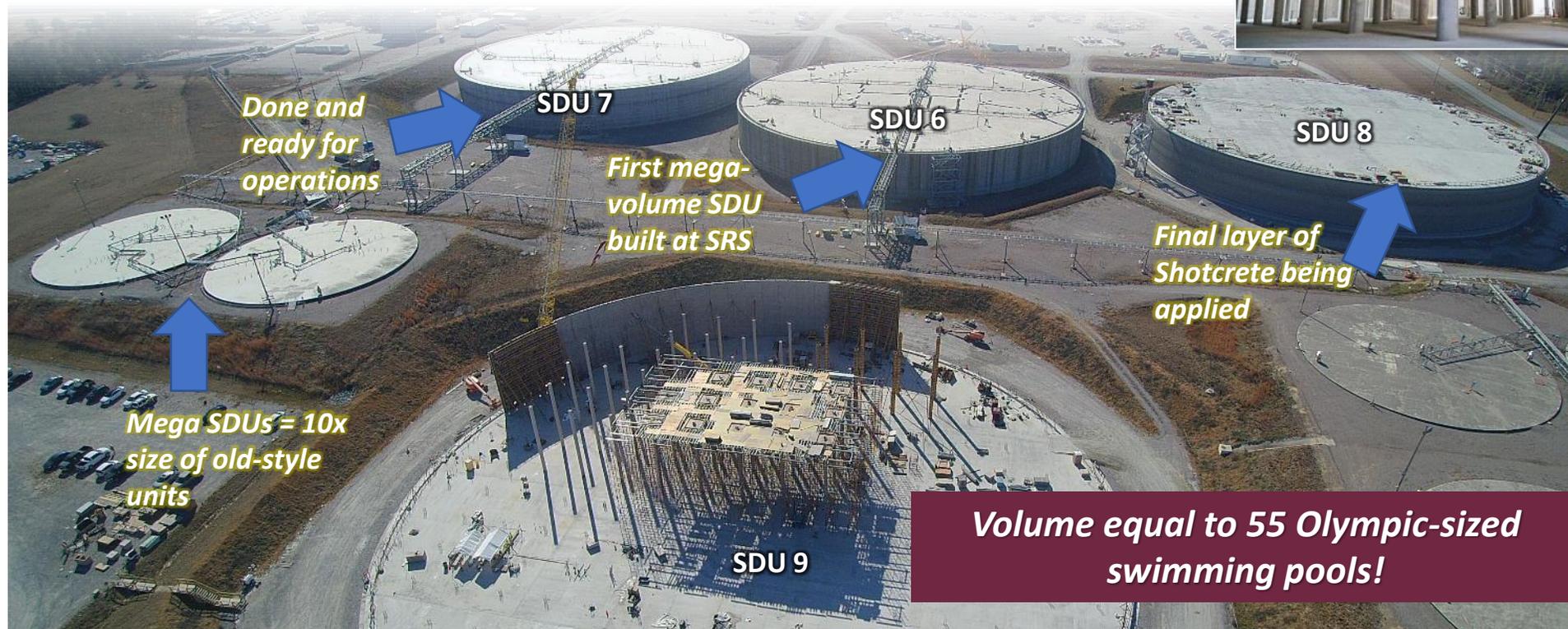
Saltstone Production Facility has produced and poured over 5 million gallons of grouted decontaminated salt solution for permanent disposition in Saltstone Disposal Units

Every day is a new production record!

Liquid Waste Facilities Overview



- ▶ 33-million-gallon capacity Saltstone Disposal Units (SDUs)
- ▶ 43 feet high, 375 feet in diameter
- ▶ Supports larger output from SWPF
- ▶ 7 mega units needed versus ~80 smaller ones
- ▶ Saves \$500 million over program lifecycle



1 POWER AS ONE

MISSION • VISION • CONTRACT • COMPANY • VALUE SET • SAFETY CULTURE