



U.S. DEPARTMENT OF
ENERGY



Area Completion Projects Program Overview

Brian Hennessey

Federal Facility Agreement Project Manager

U. S. Department of Energy – Savannah River

SRS Citizens Advisory Board

September 2020

WHAT WE DO?

- Objectives

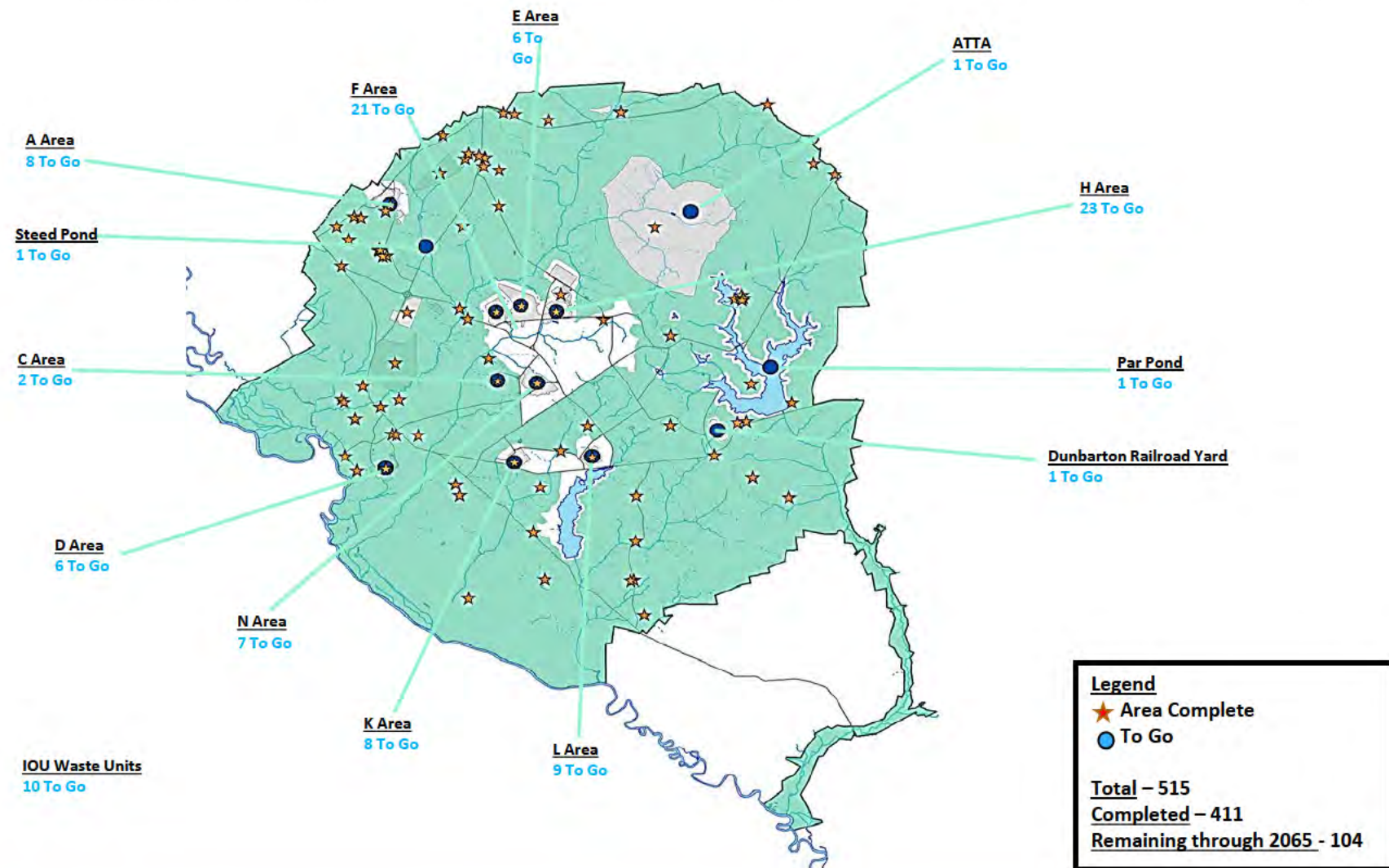
- Remediate contaminated soil, surface water, and groundwater
- Decommission inactive facilities after they have been deactivated by the operating organization
- Prevent offsite migration of contamination in groundwater and surface water/sediments

- To Date

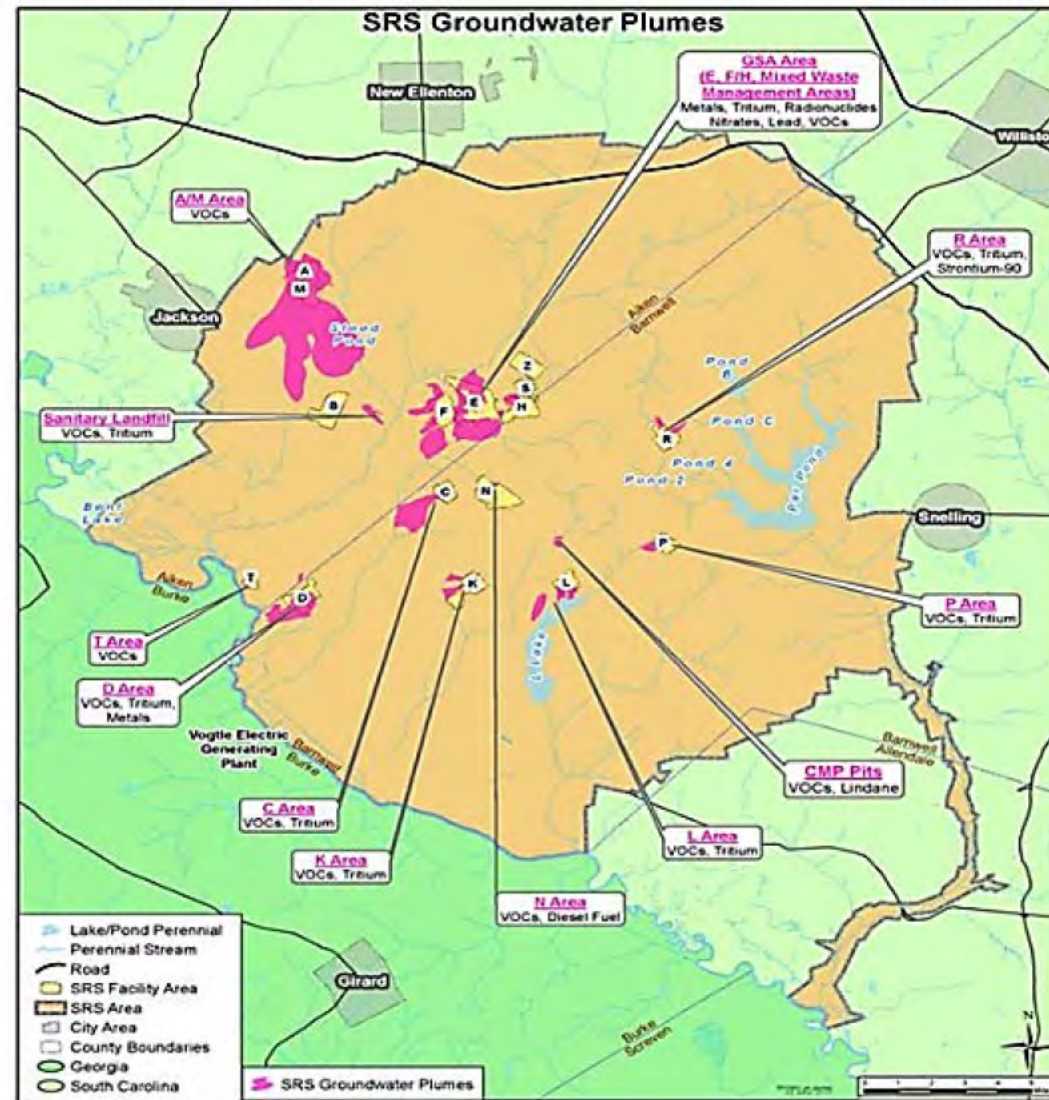
- 411 of 515 waste units completed
 - *Remedy selected, including No Action, and systems operating as required*
 - *18 groundwater plumes being evaluated and/or remediated*
 - *5 major Savannah River Site (SRS) streams and the Savannah River*
 - *73 waste units required post-closure care*
- 296 of 1127 facilities decommissioned
- 38 remediation systems operational (3 active, 14 low energy, 21 passive)
- 5 of 14 Areas Closed
 - *T Area, M Area, R Area, P Area, and B Area*
- As of August 31, 2020, Area Completion Projects has achieved all 3,924 Federal Facility Agreement (FFA) milestones and Resource Conservation and Recovery Act (RCRA) Permit commitments on or ahead of schedule

WHAT WE DO? (CONTINUED)

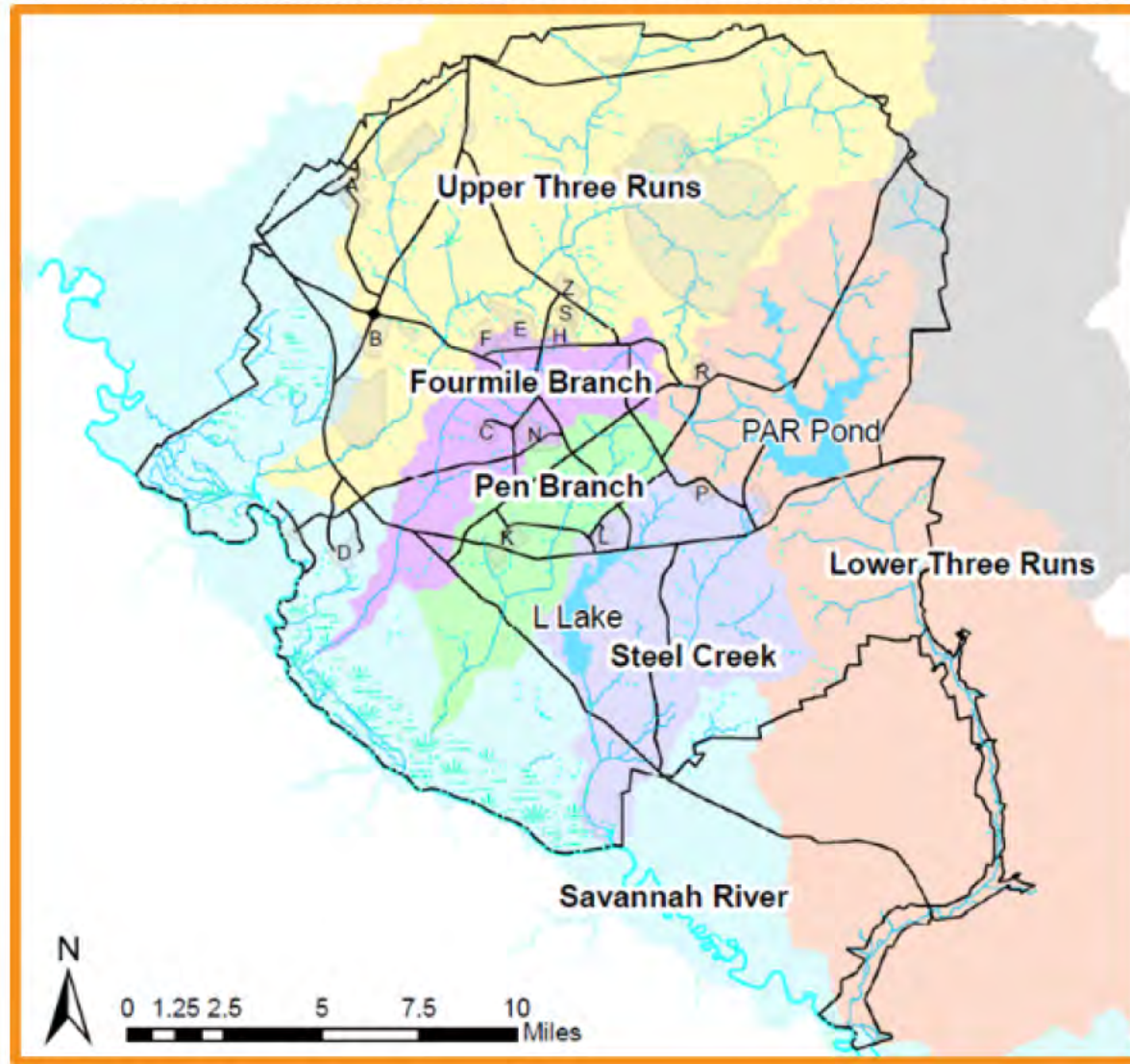
- 85% of the Site's area is cleaned to industrial standards (Green)
- Remaining contamination areas primarily within the core of the Site



WHAT WE DO? (CONTINUED)

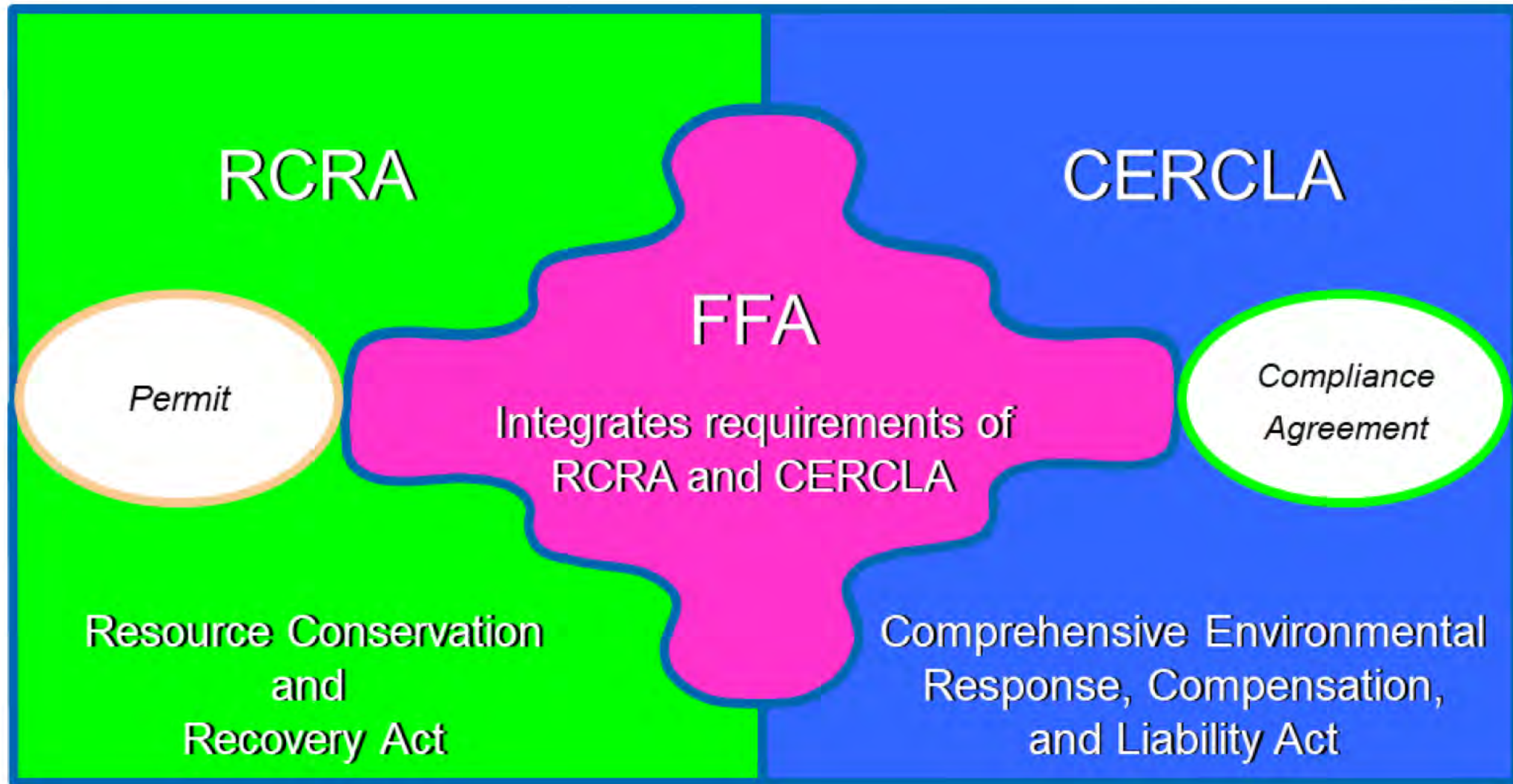


WHAT WE DO? (CONTINUED)



- SRS streams were added to the FFA in Fiscal Year 1997
- “Integrator Operable Units” (IOUs) include surface water, sediment, floodplain soils, and biota (plants and animals)
 - Include large reservoirs L-Lake and PAR Pond

WHY DO WE DO IT?



WHY DO WE DO IT? (CONTINUED)

- **RCRA (Resource Conservation and Recovery Act of 1976)**
 - Regulates the management of both hazardous and non-hazardous solid waste (including the treatment, storage, and disposal of hazardous waste)
 - Requires corrective action for releases of hazardous waste or hazardous constituents (chemicals, not radionuclides)
 - Cleanup of abandoned waste sites / solid waste management units (SWMUs)
- **Authority to administer RCRA is delegated to South Carolina Department of Health and Environmental Control (SCDHEC) by U.S. Environmental Protection Agency (EPA)**
- **SCDHEC issues SRS RCRA Permit Renewal and addresses:**
 - Post closure care and maintenance of closed RCRA hazardous waste management facilities (HWMFs) (e.g., M-Area and Metallurgical Laboratory HWMFs, F-Area HWMF, H-Area HWMF, Mixed Waste Management Facility, and Sanitary Landfill)
 - RCRA SWMUs (e.g., waste units)
 - *Addressed through the FFA process*
 - *RCRA permit renewal inclusive of all remedial decisions reached for SWMUs*

WHY DO WE DO IT? (CONTINUED)

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act of 1980)

- Protects human health and the environment from releases or threatened releases of hazardous substances (radionuclides and chemicals)
- Provides for the cleanup of abandoned and uncontrolled waste sites, as well as responsibilities for addressing the release of hazardous substances to the environment
- Requires the owner of any federal facility placed on the EPA National Priority List (NPL) to negotiate an FFA to integrate RCRA and CERCLA requirements to govern the cleanup process
- Cleanup remedies and end states are contained within CERCLA Records of Decision
 - *Documents signed by EPA, DOE, and SCDHEC declaring cleanup decisions after public review and comment on proposed remedy*
 - *Legally-binding documents*
- Some early cleanup actions are taken before a Record of Decision is issued
 - *Removal actions under DOE's Lead Agency authority*

WHY DO WE DO IT? (CONTINUED)

Federal Facility Agreement

- Established August 1993
 - *A legally binding agreement among DOE, EPA, and SCDHEC*
 - *Includes administrative requirements, enforceable schedules, and milestones for actions and documents*
 - *Lists the RCRA/CERCLA waste units and other potential releases that must be addressed, and describes a process for any additional ones*
 - *Includes requirements for Removal from Service of 24 of the SRS Liquid Waste tanks*
 - *Spells out authorities and responsibilities of the three agencies and procedures for resolving disputes*
- Appendices (these require annual updates)
 - *C: RCRA/CERCLA Units List*
 - *D & E: Current year milestones and Long-term projections (out-year milestones)*
 - *G: Site Evaluation List*
 - *H: RCRA Permitted Facilities and SWMUs*
 - *K: D&D Facilities*

WHY DO WE DO IT? (CONTINUED)

The Federal Facility Agreement and Supporting Documentation, including Federal Facility Annual Process Report for Fiscal Year 2019, Land Use Control Assurance Plan, Savannah River Site Community Involvement Plan, etc. is available online at:

<http://www.srs.gov/general/programs/soil/ffa/ffa.html>

The Federal Facility Agreement for the Savannah River Site is available at:

<http://www.srs.gov/general/programs/soil/ffa/ffa.pdf>

WHY DO WE DO IT? (CONTINUED)

Savannah River Site Homepage

Not secure | srs.gov/general/srs-home.html

02/11/2020

Savannah River Site™ U.S. DEPARTMENT OF ENERGY NNSA

About News Business Opportunities Programs Documents & Publications Outreach Careers

SRS Celebrates 20 years of Vitrification Facility Operations and Eighth Radioactive Waste Tank Closure - The celebration marks DOE's commitment to significantly reduce the hazard of environmental risk... [MORE](#)

NEWS RELEASES

- 02/11/20 Crews Replace Roof of Laboratory Integral to Savannah River Site
- 02/09/20 SRNL Achieves \$ Million Safe Hours Worked
- 01/30/20 Cleanup Workers Transform Former Waste Site into Grassy Field at SRS
- 01/27/20 SRS Crews Mark Milestone in Double-Stacking Waste Canister Project

[CLICK HERE FOR ADDITIONAL NEWS RELEASE](#)

VIDEO CLIPS

[SAVANNAH RIVER SITE](#)

[Savannah River Site Overview 2016](#)

[CLICK HERE FOR ADDITIONAL VIDEO RELEASES \(SRS YOUTUBE CHANNEL\)](#)

EVENTS (Upcoming & Recent)

[Click on logo for info on SRS 70th anniversary events](#)

70 SRS SAVANNAH RIVER SITE 1950-2020

- 2019 SRS Deer Control Activities Info
- 2020 SRS Public Tour Program

[Briefing for Visitors & Vendors](#)

[Community Preparedness](#)

[SRS Overview Book](#)

[Consolidated Annual Training \(CAT\)](#)

[Safeguards and Security Annual Refresher](#)

[Local SRS Weather](#)

[SRS Status & Emergency Information](#)

[Follow us on:](#) [f](#) [t](#) [in](#) [v](#)

DOE | DOE-EM | DOE-SR | NNSA | FSSA | SRNL | SRRL | SRNS | SRS | Center-SRS | Persons

SRS Operator: 803.725.6211

[SRS Status & Emergency Information](#) | [Visitor/Vendor Briefing](#) | [Contact SRS](#) | [Site Map](#) | [Disclaimer & Legal Notices](#) | [FOIA](#)

SRS - Media Contacts

Not secure | srs.gov/general/programs/sol/extpage.html

02/10/2020

Savannah River Site™ U.S. DEPARTMENT OF ENERGY NNSA

About News Business Opportunities Programs Documents & Publications Outreach Careers

Area Completion Projects

Introduction

The Department of Energy's (DOE) Savannah River Site Area Completion Projects (ACP) is responsible for waste units, surface water, and groundwater remediation at Savannah River Site. In its efforts to remediate contaminants, thereby reducing risks to human health and the environment, ACP approaches environmental restoration by using effective project management, continuous communications, and strong working relationships with the regulators. Numerous cost-effective technologies expedite the cleanup process for the Department.

[T Area after final closure in 2016](#)

The ACP mission is to address the cleanup of 515 waste sites and the deactivation and decommissioning of 985 facilities across the Savannah River Site. The organization is comprised of two pre-existing groups, Savannah River Nuclear Solutions' (SRNS) Soil and Groundwater Closure Projects and Site Decommissioning & Demolition (D&D). Together, this merger provides an all-inclusive service to the Department, including the aggressive management of inactive waste sites and groundwater cleanup with careful adherence to regulatory commitments and the safe deactivation and decommissioning of hardened facilities across the site. ACP accomplishes its mission by practicing the fundamental principles of working safely, protecting resources, creating and sustaining high performance teams, using project management systems, establishing long range strategic planning, and a strong commitment to customer satisfaction.

Safety

To maintain its safety performance, personnel participate in the Site's Behavior-Based Safety (BBS) program and practice STAR (Stop, Think, Act and Review) while participating in activities for which safety is a concern. SRNS effectively that a team-oriented approach to safety is successful in maintaining a safe workplace and strong safety culture.

Project Management and Strategy

An important aspect of project management is the effective development and control of project scope, schedule, and costs. Also, an Area Completion Strategy is being used to accelerate the cleanup of whole areas in M, P, R, and D areas, with T Area already having been completed using the strategy. Specific approaches to environmental restoration include:

- Accelerating the completion of high-risk waste sites to protect workers, the public and the environment
- Implementing an Area Completion Strategy to bring closure to whole areas of the site

Reducing the Footprint

ACP's focus is on reducing the footprint of legacy waste at SRS's contaminated waste sites and obsolete facilities. The approach for soil and groundwater cleanup is to treat or immobilize the

WHY DO WE DO IT? (CONTINUED)

SRS - Area Completion Projects

Not secure | srs.gov/general/programs/soil/ffa/ffa.html

Savannah River Site

U.S. DEPARTMENT OF ENERGY
NNSA

About News Business Opportunities Programs Documents & Publications Outreach Careers

Administrative Record File/Information Repository File

Area Completion Projects

Federal Facility Agreement and Supporting Documentation

- **Federal Facility Agreement**-The document that directs the comprehensive remediation of the Savannah River Site

Appendices affected by Modification: E

Date: 10/24/2019

Modification:

Issuance of the updated Revision 0 Appendix E for Fiscal Year 2019 (Print Date: 02/20/2019, Updated 10/24/2019). Appendix E was updated to reflect the dates in the regulatory approved extension request for the submittal of the Proposed Plan and subsequent milestones for the Lower Three Runs Integrator Operable Unit (IACD-20-105, dated October 21, 2019).

- **Federal Facility Agreement Annual Progress Report for Fiscal Year 2019 (U)**
- **Land Use Control Assurance Plan**
- **Regulatory Document Handbook**
- **SRS Community Involvement Plan**

These documents are in portable document format (PDF) which requires Adobe Acrobat Reader software to be installed on your computer.

DOE DOE-EM DOE-SR NNSA FSSR SRNL SREL SRNS SRR Centerra-SRS Parsons

SRS Operator: 803-725-6211
SRS Status & Emergency Information Visitor/Vendor Briefing
Contact SRS Site Map Disclaimer & Legal Notices

SRS - Area Completion Projects

Not secure | srs.gov/general/programs/soil/gen/geninf.html

Savannah River Site

U.S. DEPARTMENT OF ENERGY
NNSA

About News Business Opportunities Programs Documents & Publications Outreach Careers

Administrative Record File/Information Repository File

Area Completion Projects

General Information & Technologies

SRS Fact Sheets

- Fact Sheet - Eating Fish from the Savannah River

Groundwater Management Strategy and Implementation Plan

Groundwater Protection Program

Memorandum of Agreement for Achieving an Accelerated Cleanup Vision

Records of Decision

ACP Technology Descriptions

ACP Modeling Applications

- NAPL Calculator Model Abstract
- NAPL Calculation Note
- VZCOMML Calculation Note and Documentation
- Fate Transport of Vadose Zone Contaminants Manuscript

DOE/EPA Principles of Environmental Restoration

DOE DOE-EM DOE-SR NNSA FSSR SRNL SREL SRNS SRR Centerra-SRS Parsons

SRS Operator: 803-725-6211
SRS Status & Emergency Information Visitor/Vendor Briefing
Contact SRS Site Map Disclaimer & Legal Notices


WHY DO WE DO IT? (CONTINUED)

SRS has begun the process of posting the Administrative Record File/Information Repository File (ARF/IRF) on the SRS external web page. The ARF/IRF web page contains an Index of Documents and the initial group of portable document format (PDF) records that are dated between October 1, 2017 and July 31, 2020. More records will be added during quarterly updates.

The ARF/IRF is available online at:


<http://www.srs.gov/general/programs/soil/arf/arfirf.html>

WHY DO WE DO IT? (CONTINUED)



Seventy Years
of Service

Savannah River Site™



U.S. DEPARTMENT OF
ENERGY
NNS

03/31/2020

About News Business Opportunities Programs Documents & Publications Outreach Careers SEARCH GO

Administrative Record
File/Information
Repository File

Federal Facility
Agreement and
Supporting
Documentation

General Information
and Technologies

Public Involvement

Home

SRS Home

Area Completion Projects

Administrative Record File/Information Repository File (ARF/IRF)

Index of documents contained in the ARF/IRF, which are available at the University of South Carolina Libraries - Aiken and Columbia on CD. This index is in PDF (portable document format) which requires Adobe Acrobat Reader software to be installed on your computer.

PDFs of documents contained in the ARF/IRF from 10/1/2017 through 7/31/2020 are located here. The PDFs will be updated approximately once per quarter. Historical PDFs will be added at a later date.

Disclaimer - The scanning process used to transfer documents into the portable document format may unintentionally create minor inaccuracies in the text. The viewer is warned that minor spelling errors may occur and numerical data may be missing decimal points or exponential values. Should the viewer have any questions regarding a particular section of text, an accurate hardcopy is always available from the Area Completion Project Document Control at the Savannah River Site, LeAnne Barkley at 903-725-5633

Introduction

The Administrative Record File contains the documents and information considered or relied on in the selection of a response action and in controlling hazardous waste management activities. At the Savannah River Site, the Administrative Record File will fulfill the requirements of Section XXXIV, Administrative Record, of the Federal Facility Agreement (FFA).

An Administrative Record File for an individual waste unit is initiated upon the approval by the EPA-IV and the SCDHEC of an RFI/RI Work Plan. The File is compiled until the decision of the response action is chosen (the signing of the Record of Decision). At that time the Administrative Record File is finalized and is called the Administrative Record for that waste unit.

An Administrative Record serves two primary purposes. First, it is a vehicle for public participation in the selection of the response action. Section 113(k)(2) of CERCLA provides the public with an opportunity to participate in a response decision. The Administrative Record makes available the information considered or relied on in the selection and provides the opportunity for public involvement. Without opportunity for this involvement of interested persons, the limitation of court review solely to the Administrative Record

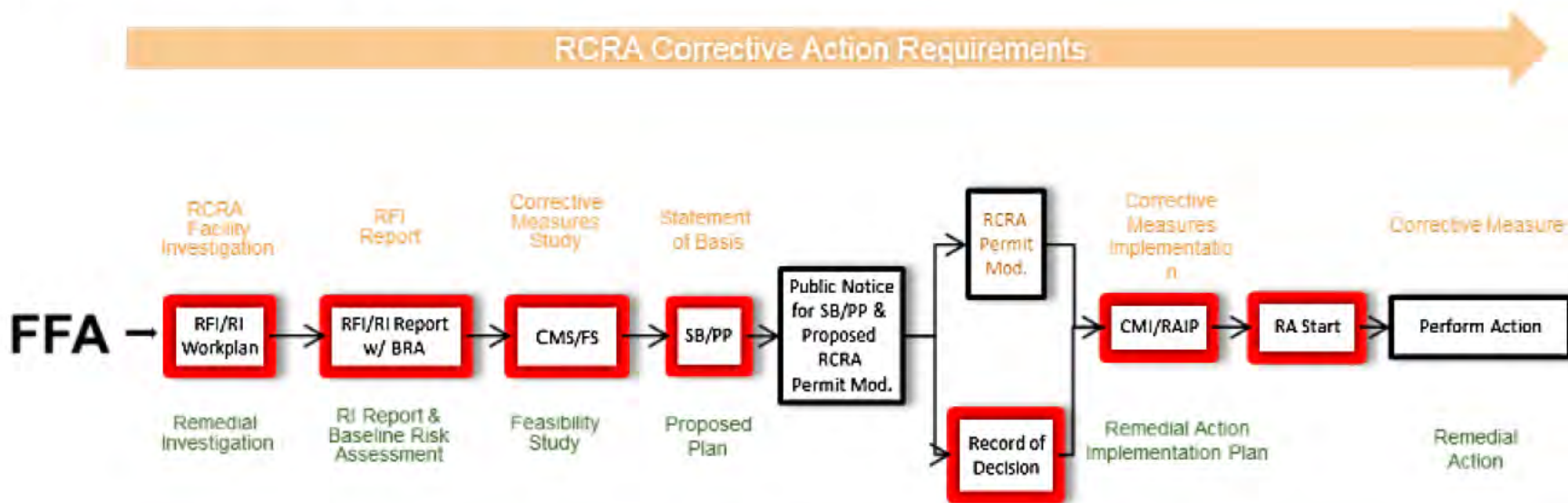
can be challenged. Therefore, the Administrative Record will also record the public participation in the decision process and reflect the views of members of the public.

The second purpose of the Administrative Record is concerned with the presentation of evidence in the event of litigation. Judicial review of any issue concerning the adequacy of a response selection is limited to the Administrative Record. Under section 113(j)(2) of CERCLA, the trial court reviewing the selected response decision is limited the facts as set out in the Administrative Record. The Courts will not allow the use of discovery, hearings or additional fact findings unless the Administrative Record is found to be incomplete or poorly prepared. Provided the Administrative Record is adequate, the court will limit its review of the response decision made to the standard of arbitrary and capricious or otherwise not in accordance with the law. The Administrative Record should therefore chronicle the response decision process, whereby a judge could easily follow how and why a decision was made.

An Information Repository File contains information and documents that do not meet the definition of Administrative Record Files but that contain site and unit information, documents on site and unit activities, and general information.

HOW DO WE DO IT AND HOW ARE WE DOING?

RCRA/CERCLA Integration Process



CERCLA Remediation Requirements

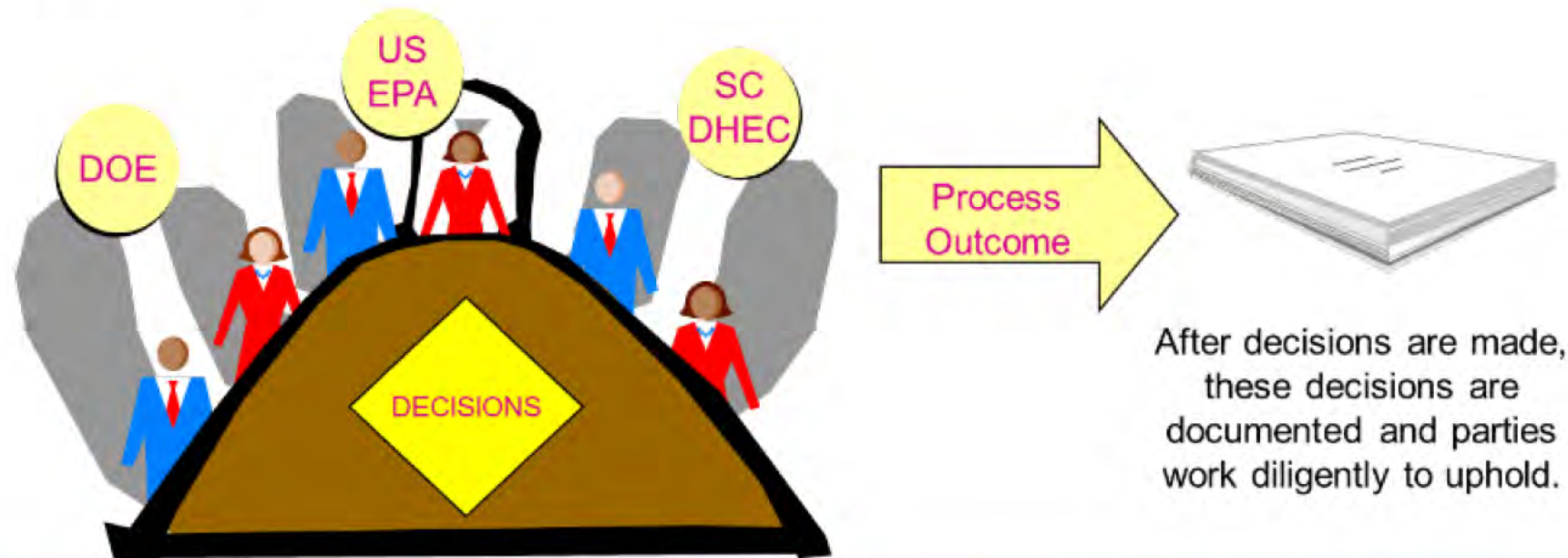
NOTE: SCDHEC has reserved its authority to require corrective action in accordance with the South Carolina Hazardous Waste Management Act (RCRA)

 = FFA Milestone

HOW DO WE DO IT AND HOW ARE WE DOING? (CONTINUED)

Core Team Process

- SRS is held up as the model in the DOE Complex for implementing a cleanup program with decisions that are technically risk-driven, cost effective and achieve incremental progress.
- DOE, EPA, and SCDHEC work collaboratively to develop and implement sound remediation approaches, avoid disputes
- Open communication produces common understanding of data (site conditions), and generally leads to consensus on needed actions



HOW DO WE DO IT AND HOW ARE WE DOING? (CONTINUED)

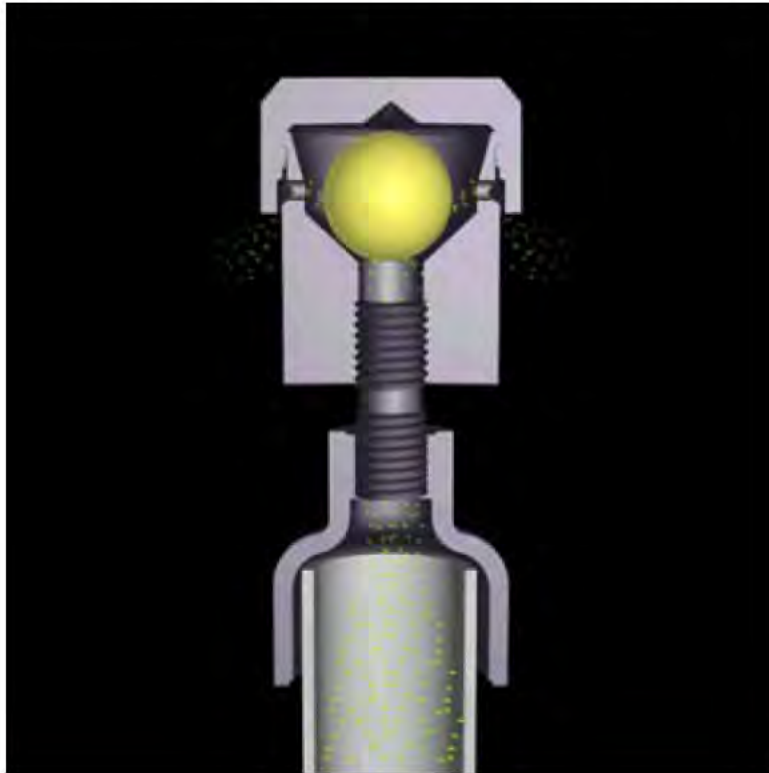
Types of remedies as selected by DOE, EPA, and SCDHEC

- No Action
- Land Use Controls (LUCs)
 - *Institutional controls (i.e., administrative controls) and engineering controls*
 - *Can include monitoring, maintenance, reporting, access restrictions, signage, fencing, and land use restrictions*
- Soil
 - *Removal and Disposal*
 - *Covers to prevent exposure*
 - *Caps to prevent exposure AND infiltration*
 - *Heating (electrical and steam) to vaporize volatile organic compounds (VOCs) for extraction*
 - *Soil vapor extraction (high energy active systems to low-energy systems such as BaroBalls™ and MicroBlowers™)*
- Groundwater
 - *Barrier walls with treatment zones*
 - *Monitored natural attenuation or mixing zones*
 - *Permeable treatment barriers*
 - *Pump-and-treat (i.e., air stripping to remove VOCs)*
 - *Passive (enhanced) – Bioremediation of VOCs*

HOW DO WE DO IT AND HOW ARE WE DOING? (CONTINUED)

BaroBalls™

- When the subsurface pressure is higher than at ground surface, contaminants naturally move upward through venting well.
- When the above ground pressure is greater, air is prevented from traveling down by a simple plastic sphere.



Photovoltaic Powered MicroBlower™ Configuration

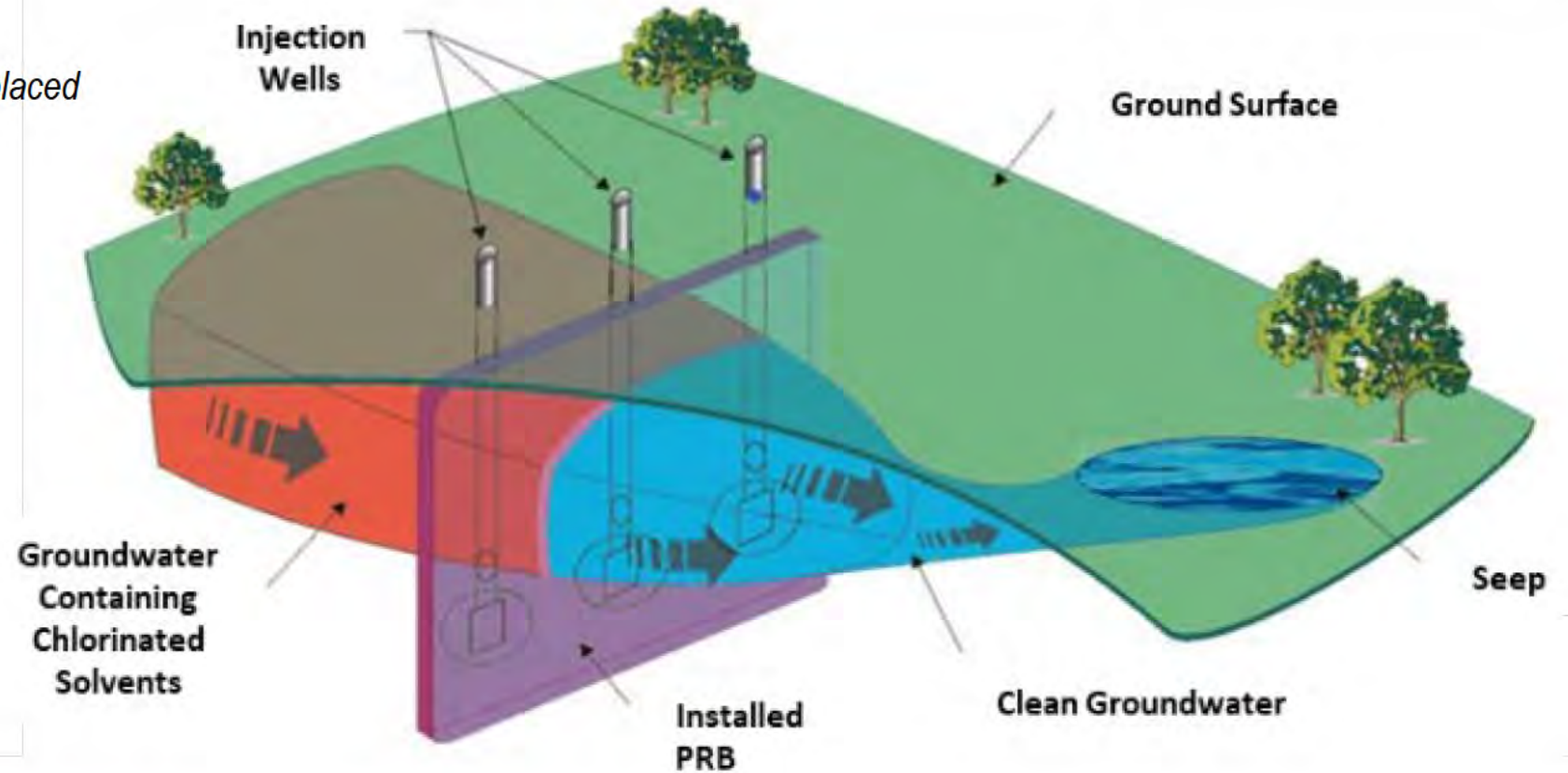


HOW DO WE DO IT AND HOW ARE WE DOING? (CONTINUED)

P-Area Groundwater Permeable Reactive Barrier (PRB)

– Design Attributes

- 264 ft long
- 22 injection wells
- 760 tons of zero-valent iron emplaced
- Depth from 45 ft to 135 ft



CURRENT AND NEAR-TERM CLEANUP WORK

System Plan

- Fiscal Years 2020 to 2030
- Thirteen major projects are expected to require funding during the planning period
 - *Stormwater Outfall A-013*
 - *A-Area Ash Pile & Coal Pile Runoff Basin*
 - *C-Area Groundwater*
 - *Central Shops Early Construction and Operational Disposal Site (ECODs) N-1, Central Shops Scrap Lumber Pile, Building 690-N, Process Heat Exchanger Repair Facility (Ford Building)*
 - *D-Area Groundwater*
 - *D-Area Coal Storage Area (484-17D)*
 - *D-Area Groundwater Treatability Study*
 - *Wetland Area at Dunbarton Bay – Phase II*
 - *F-Area Operable Unit (14 building remnants)*
 - *G-Area Oil Seepage Basin*
 - *Lower Three Runs Integrator Operable Unit*
 - *L-Area ECODs*
 - *P-Area Groundwater*

CURRENT AND NEAR-TERM CLEANUP WORK (CONTINUED)

FYs	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
IOUs						Periodic Report on the Reassessment of SRS Streams 9/2025					
Lower Three Runs IOU			LTR Issue ROD 9/2021	LTR RA Start 11/2022	Est. LTR RA Activities through 6/2024						
CAGW	Est. Post-RA Activities through 1/2020							Issue ROD 4/2027	RA Start 1/2028	Est. RA Activities through 7/2030	
PAGW	Est. Post-RA Activities through 4/2020										
DAOU 2nd EA		Issue ROD 11/2020	RA Start 9/2021	Est. RA Activities through 11/2022							
GOSB	Est. Post-RA Activities through 9/2020										
DAGW Treatability Study (TS)	TS Start 12/2019	TS Data Report 1/2021									
DACSA Removal Action	RA Start 4/2020	Est. RA Activities through 10/2020									
DAGW	Field Start 1/2020		Issue ROD 6/2021	RA Start 9/2024	Est. RA Activities through 3/2025						
CS ECODs		Field Start 6/2020			Issue ROD 12/2023	RA Start 12/2024	Est. RA Activities through 12/2025				
WADB								Phase II End			
A-013 Outfall			Issue ROD 11/2021	RA Start 3/2023	Est. RA Activities through 12/2024						
AAP/CPRB						Issue ROD 11/2024	RA Start 8/2025	Est. RA Activities through 9/2027			
FAOU EA			Field Start 9/2022		Includes 14 buildings		Issue ROD 10/2026	RA Start 1/2028	Est. RA Activities through 1/2030		
L Area Ash Basin						Field Start 8/2025		Issue ROD 8/2028	RA Start 11/2029	Est. RA Activities through 2030	
L Area ECODs			Field Start 9/2023		Issue ROD 9/2026	RA Start 11/2028	Est. RA Activities through 12/2027				
Sandblast Area						Field Start 9/2024		Issue ROD 9/2027	RA Start 11/2028	Est. RA Activities through 12/2029	
K Ash Basin OU (188-K)					Field Start 9/2024		Issue ROD 8/2027	RA Start 12/2028	Est. RA Activities through 12/2030		
Bldgs 716-A and 725-A					Field Start 9/2024		Issue ROD 9/2027	RA Start 12/2028	Est. RA Activities through 12/2029		
ATTA					Site Evaluation Report 1/2025						
F Area Ash Landfill 288-F					Site Evaluation Report 12/2024						

Acronyms
 AAP/CPRB – A-Area Ash Pile (788-A)/A-Area Coal Pile Runoff Basin (788-3A)
 ATTA – Advanced Tactical Training Area Firing Ranges
 CAGW – C-Area Groundwater
 CS – Central Shops
 DAGW – D-Area Groundwater
 DACSA – D-Area Coal Storage Area (484-17D)
 DAOU – D Area Operable Unit
 EA – Early Action
 ECODs – Early Construction and Operational Disposal Site
 FAOU – F Area Operable Unit
 FMB – Fourmile Branch
 FYs – Fiscal Years
 GOSB – G-Area Oil Seepage Basin
 IOU – Integrator Operable Unit
 LTR – Lower Three Runs
 PAGW – P-Area Groundwater
 PB – Pen Branch
 RA – Removal Action or Remedial Action
 ROD – Record of Decision
 SC – Steel Creek
 SRRS – Savannah River and Floodplain Swamps
 UTR – Upper Three Runs
 WADB – Wetland Area at Dunbarton Bay

CURRENT AND NEAR-TERM CLEANUP WORK (CONTINUED)

G-Area Oil Seepage Basin (GOSB) Operable Unit

- Basin was approximately 0.4 acres and up to 10 ft. deep
- Basin was constructed for liquid waste disposal during SRS plant construction (1951 to 1956) and later received sanitary wastewater from treatment plants in Central Shops in the early 1990s.
- Investigation of the GOSB found low levels of pesticides and herbicides in the soils at the bottom of the basin.
- Remediation of the basin began in September 2019 and was completed in December 2019.
- Basin was filled with 1,400 tons of stone, followed by 7,000 cubic yards of dirt, and then capped with grass sod.



GOSB - Before



GOSB - After

CURRENT AND NEAR-TERM CLEANUP WORK (CONTINUED)

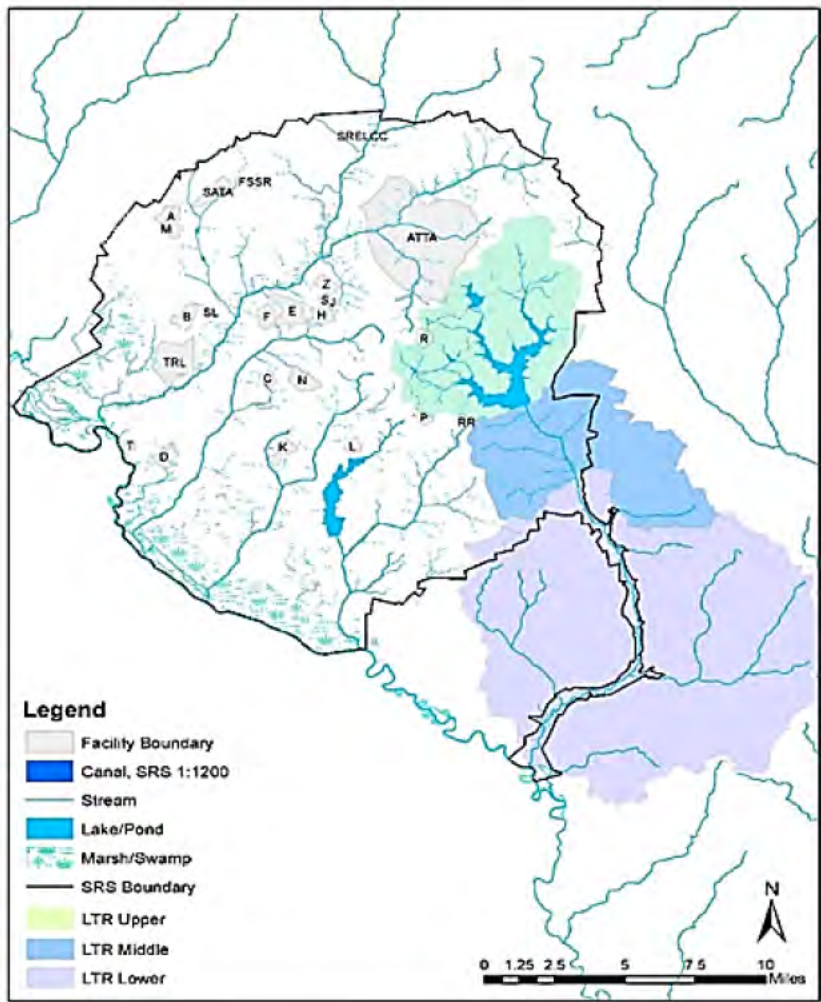
Mixed Waste Management Facility Phytoremediation – Collection Pond with Irrigation



- RCRA Permitted Corrective Action
- Simple “green” solution
- Irrigation started in October 2000 as an interim corrective measure
- Reduced tritium entering Savannah River by 65% or better to date, near remedial goal of 70% reduction of tritium influx to Fourmile Branch

CURRENT AND NEAR-TERM CLEANUP WORK (CONTINUED)

Lower Three Runs IOU – R-Area Discharge Canal



CURRENT AND NEAR-TERM CLEANUP WORK (CONTINUED)

Building 690-N, Process Heat Exchanger Repair Facility



Building 690-N (Pre-D&D)

Deactivation Photos

- Preparation for deactivation of the airlock – checking material to determine removal and disposition; foreground shows floor covering material to protect the slab from equipment (photo on the left)
- Grapple is removing doors to provide equipment access to the building interior and the laydown and waste container staging areas outside the building (photo on the right)



Building 690-N Deactivation Photos

CURRENT AND NEAR-TERM CLEANUP WORK (CONTINUED)

D-Area Coal Storage Area (484-17D)



Field Activities – Mid-May 2020

- Very low-pH soil has been acidified by coal storage (~65 years), causing shallow groundwater acidification and contamination with metals from coal and native soil
- Removal action start for 484-17D was achieved on May 5, 2020, with the installation of the stormwater pollution prevention controls along the perimeter of the excavation area.
- Excavation and addition of soil amendment began May 12, 2020. As of August 2020, nine of twelve acres are completed. Soil amendment is ongoing in the tenth acre.
- ACP has taken several soil pH samples and verified the effectiveness of the amendment.
- Construction activities will be ongoing until November 2020.

CURRENT AND NEAR-TERM CLEANUP WORK (CONTINUED)

Ash Disposition Evaluation

- DOE is developing a comprehensive evaluation for the disposition of the remaining coal ash at SRS in A-, D-, F-, H-, K-, L-, and P-Areas
- Potential Options on-site (in-place or consolidated) and off-site (landfill disposal or beneficial re-use)
- DOE, EPA, and SCDHEC will be discussing these options during calendar year 2020
 - *First meeting was held on August 12, 2020*
 - Purpose of the meeting was to discuss and agree upon the preliminary range of alternatives
 - *Second meeting is tentatively planned for October 2020 to December 2020 timeframe*
 - Purpose is to present the preliminary results of the evaluation with the objective of reaching agreement on the path forward for ash disposition

QUESTIONS?

