



State Regulatory Oversight

May 21, 2024

Susan Fulmer, FFA Manager

South Carolina Department of Health and Environmental Control
Healthy People. Healthy Communities.



Our Vision

- Healthy people living in healthy communities

Our Mission

- To improve the quality of life for all South Carolinians by protecting and promoting the health of the public and the environment.

Environmental Affairs

- Air
- Water
- Land and Waste Management
- Environmental Health Services
- OCRM



DHEC's Environmental Role

- Protection
- Improvement
- Oversight
- Emergency Preparedness



DHEC's Environmental Role

- Does not regulate
 - Storage of spent nuclear fuel
 - Nuclear materials
- Exempted by Congress

Protection

- Federal and State Laws/ Regulations
- EPA delegates authority to the State for
 - Air
 - Water
 - Waste
 - Cleanup



Protection

- Issue permits in accordance with Federal/ State requirements
- 30-day public comment period
- Monitoring & reporting requirements
- Inspect for compliance
- Take enforcement action when it's necessary

Protection Programs

- Drinking Water
- National Pollutant Discharge Elimination System
- Navigable Waters
- Underground Injection Control
- Wastewater Treatment
- 401 Certification (Wetlands)
- Stormwater
- Air
- Asbestos
- Hazardous Waste (RCRA)
- Radioactive Waste Transportation
- Solid Waste (Landfills)
- Underground Storage Tanks
- Lab Certification

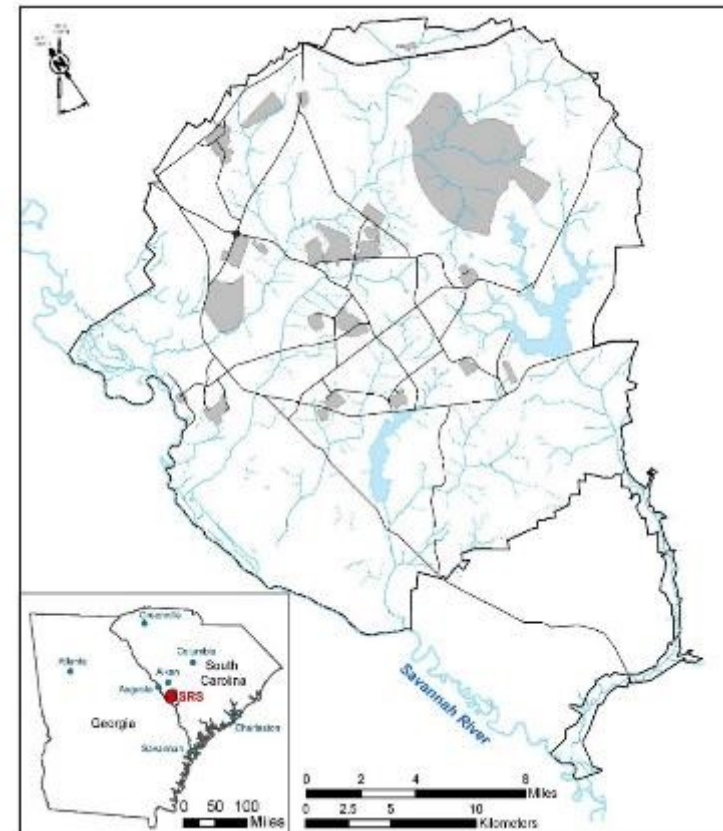
Improvement - Cleanup

- Hazardous Waste Permit (RCRA)
 - Management of hazardous & mixed wastes
 - Requires assessment and cleanup of all waste contaminated areas at SRS

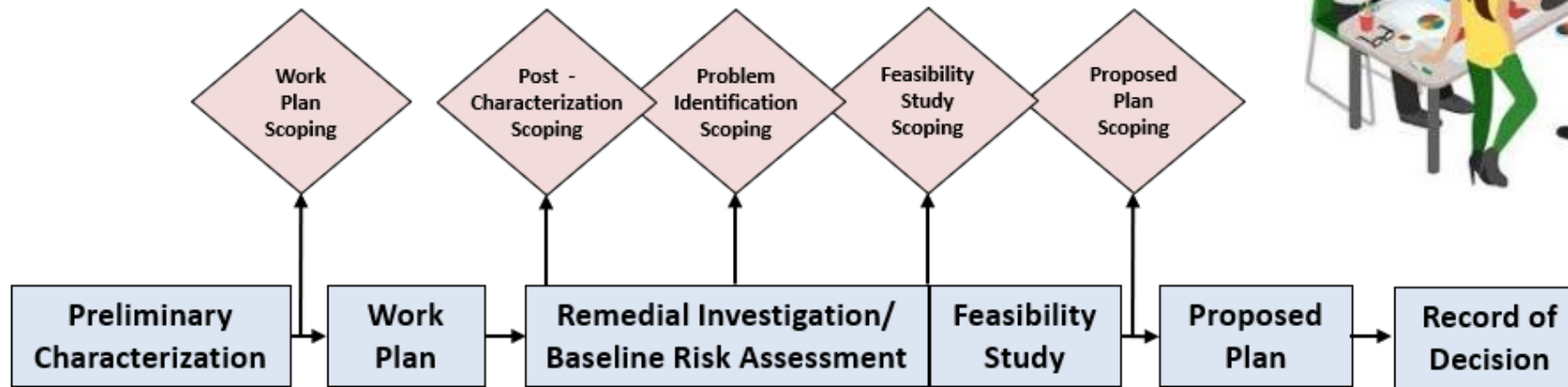


Improvement - Cleanup

- Federal Facility Agreement (FFA)
 - Tri-party agreement
 - Roles & responsibilities
 - Integrates RCRA and CERCLA
 - Milestones & penalties
 - Dispute resolution
 - Annual updates



Core Team Approach



Communicate → Agree → Document

Improvement – Legacy Waste

- Site Treatment Plan
 - Enabled by Federal Facility Compliance Act
 - Requires treatment of legacy waste by an approved schedule, enforced by order
 - Covers legacy mixed low-level, transuranic, and high-level waste
- Requires State approval for any haz/rad waste shipment proposed to SRS

High-Level Waste

- Section 3116 of 2005 National Defense Authorization Act
- Certain radioactive waste resulting from reprocessing of spent nuclear fuels is not HLW
- Residuals remaining must be under “a State-approved closure plan or State-issued permit”



High-Level Waste Tanks

- Regulated under State Wastewater Program
- FFA Milestones for non-compliant tanks
- Permits for tank related facilities (SWPF, DWPF, SPF)



Oversight

- DHEC monitors SRS and surrounding area to determine impact of SRS activities.
 - Air, water, soil, sediment, vegetation, milk, fish, and game animals
- DHEC maintains frequent presence at SRS through our Regional Office.



ESOP
Environmental Surveillance
and Oversight Program
2022 DATA REPORT

CR-004111 12/23



Aiken Environmental Affairs Office
206 Beaufort Street, NE
Aiken, SC 29801

<https://scdhec.gov/savannah-river-site/monitoring-9/monitoring-8>

Emergency Preparedness

- SC has a comprehensive emergency operations plan for disasters
 - Natural (hurricanes, earthquakes, etc.)
 - Man-made (terrorism)
- DHEC takes extra measures for SRS
 - Hold practice drills specifically geared to SRS
 - Meet quarterly



Status

- Committed to maintaining
 - Permits and inspections
 - Cleanup momentum
 - HLWT oversight
 - Waste disposition
 - ESOP oversight
 - Emergency preparedness



DHEC Restructuring

- Department of Environmental Services
- No change to our oversight of SRS

<https://scdhec.gov/about-dhec/dhec-restructuring>



South Carolina Department of Health and Environmental Control
Healthy People. Healthy Communities.

CONTACT US

Susan Fulmer, FFA Manager
fulmersb@dhec.sc.gov
803-898-4331

Stay Connected



scdhec



@scdhec



blog.scdhec.gov



scdhec



S.C. Department of Health
and Environmental Control