

Acronyms and Abbreviations

Note: Sampling location abbreviations can be found on page xvii.

A

- AEC** – U.S. Atomic Energy Commission
- ALARA** – As low as reasonably achievable
- ANSP** – Academy of Natural Sciences of Philadelphia

B

- BCG** – Biota concentration guide
- BOD** – Biological oxygen demand
- BSRI** – Bechtel Savannah River, Inc.
- Btu** – British thermal unit

C

- CAA** – Clean Air Act
- CAAA** – Clean Air Act Amendments of 1990
- CAB** – Citizens Advisory Board
- CAS** – Chemical abstract numbers
- CBU** – Closure Business Unit
- CDC** – Centers for Disease Control and Prevention
- CERCLA** – Comprehensive Environmental Response, Compensation, and Liability Act (Superfund)
- CFC** – Chlorofluorocarbon
- CFR** – Code of Federal Regulations
- CIF** – Consolidated Incineration Facility
- CLED** – Contaminated large-equipment disposition
- CMP** – Chemicals, metals, and pesticides
- COU** – Catalytic oxidation unit
- CSRA** – Central Savannah River Area
- CSSX** – Caustic side solvent extraction

- CSWTF** – Central Sanitary Wastewater Treatment Facility

- C-TOX** – Chronic toxicity
- CWA** – Clean Water Act
- CX** – Categorical exclusion

D

- D&D** – Decommissioning and demolition
- DCG** – Derived concentration guide
- DOE** – U.S. Department of Energy
- DOE/EML** – U.S. Department of Energy Environmental Measurements Laboratory
- DOE-HQ** – U.S. Department of Energy–Headquarters
- DOE-SR** – U.S. Department of Energy–Savannah River Operations Office

- DUS** – Dynamic underground stripping
- DWPF** – Defense Waste Processing Facility
- DWS** – Drinking water standards

E

- EA** – Environmental assessment
- ECA** – Environmental compliance authority
- EE/CA** – Engineering evaluation/cost analysis
- EGG** – Environmental Geochemistry Group (now the Geochemical Monitoring group)
- EIS** – Environmental impact statement
- EMA** – Environmental Monitoring and Analysis group (formerly the Environmental Monitoring Section)
- EMCAP** – Environmental Monitoring Computer Automation Program

EMS – Environmental Monitoring Section of the Environmental Protection Department (of Westinghouse Savannah River Company), now the Environmental Monitoring and Analysis group

EPA – U.S. Environmental Protection Agency

EPCRA – Emergency Planning and Community Right-to-Know Act

EPD – Environmental Protection Department (of Westinghouse Savannah River Company), now the Environmental Services Section

ERA – Environmental Resource Associates

ERD – Environmental Restoration Division (now Soil and Groundwater Closure Projects)

ERDMS – Environmental Restoration Data Management System

ESCO – Energy Services Company

ESS – Environmental Services Section (formerly the Environmental Protection Department)

ETF – Effluent Treatment Facility

EST – Environmental Sciences and Technology Department

F

FDP – Facilities Disposition Projects (now Site Decommissioning and Demolition)

FFA – Federal Facility Agreement

FFCA – Federal Facility Compliance Agreement

FFCAct – Federal Facility Compliance Act

FONSI – Finding of no significant impact

FSSBU – Field Support Services Business Unit

G

GDNR – Georgia Department of Natural Resources

GIMS – Geochemical Information Management System

GIS – Geographic Information System

GOCO – Government-owned, contractor-operated

GPMP – Groundwater Protection Management Program Plan

GSMP – Groundwater Surveillance Monitoring Program

GSA – General Separations Area

H

HBFC – Hydrobromofluorocarbon

HCFC – Hydrochlorofluorocarbon

HEAST – Health Effects Assessment Summary Tables (EPA)

HVAC – Heating, ventilation, and air conditioning

HWMF – Hazardous waste management facilities

I

ICRP – International Commission on Radiological Protection

ISO – International Organization for Standardization

K

KAMS – K-Area materials storage

L

LDR – Land disposal restrictions

LLD – Lower limit of detection

LLW – Low-level radioactive waste

M

MACT – Maximum achievable control technology

MAP – Mitigation action plan

MCL – Maximum contaminant level

MDA – Minimum detectable activity

MDC – Minimum detectable concentration

MDL – Minimum detectable limit

MLLW – Mixed (i.e., hazardous and radioactive) low-level radioactive waste

MOX – Mixed oxide

MRD – Mean relative difference

mrem – Millirem

MWMF – Mixed Waste Management Facility

N

NCRP – National Council on Radiation Protection and Measurements

NELAC – National Environmental Laboratory Accreditation Conference

NEPA – National Environmental Policy Act

NESHAP – National Emission Standards for Hazardous Air Pollutants

NFN – No file negative

NHPA – National Historic Preservation Act

NIST – National Institute of Standards and Technology

NOV – Notice of violation

NPDES – National Pollutant Discharge Elimination System

NRC – Nuclear Regulatory Commission

NSPS – New Standards of Performance for Stationary Sources

NWP – Nationwide permit

O

ODS – Ozone-depleting substance

OBU – Operations Business Unit

P

PAR Pond – Pond constructed at Savannah River Site in 1958 to provide cooling water for P-Reactor and R-Reactor (P and R; hence, PAR)

PEIS – Programmatic environmental impact statement

pH – Measure of the hydrogen ion concentration in an aqueous solution (acidic solutions, pH from 0–6; basic solutions, pH > 7; and neutral solutions, pH = 7)

ppm – Parts per million

PQL – Practical quantitation limit

Q

QA – Quality assurance

QAP – Quality Assurance Program (U.S. Department of Energy)

QA/QC – Quality assurance/quality control

QC – Quality control

R

RBOF – Receiving Basin for Offsite Fuel

RCRA – Resource Conservation and Recovery Act

RFI/RI – RCRA facility investigation/remedial investigation

ROD – Record of decision

ROSRS – Remote-operations size-reduction system

RQ – Reportable quantity

RTF – Replacement Tritium Facility

S

SARA – Superfund Amendments and Reauthorization Act

SCDHEC – South Carolina Department of Health and Environmental Control

SCHWMMR – South Carolina Hazardous Waste Management Regulations

SDWA – Safe Drinking Water Act

SEIS – Supplemental environmental impact statement

SES – Shealy Environmental Services, Inc.

S&HO – Safety and Health Operations

SGCP – Soil and Groundwater Closure Projects

SIRIM – Site Item Reportability and Issues Management

S&M – Surveillance and maintenance

SRARP – Savannah River Archaeological Research Program

SREL – Savannah River Ecology Laboratory

SRIP – Savannah River implementation procedure

SRL – Savannah River Laboratory (now Savannah River Technology Center)

SRS – Savannah River Site

SRTC – Savannah River Technology Center (formerly Savannah River Laboratory)

STP – Site treatment plan

SU – Standard unit

SUD – Site Utilities Division of Westinghouse Savannah River Company

SVE – Soil vapor extraction

SWD – Solid Waste Division (now Solid Waste and Infrastructure, a part of the Operations Business Unit)

SWDF – Solid Waste Disposal Facility

SW&I – Solid Waste and Infrastructure (a part of Operations Business Unit; includes former Solid Waste Division)

SWMF – Solid Waste Management Facility

T _____

TCLP – Toxicity Characteristic Leaching Procedure

TLD – Thermoluminescent dosimeter

TMDL – Total maximum daily load

TPBARS – Tritium-producing burnable absorber rods

TRU – Transuranic waste

TSCA – Toxic Substances Control Act

TSS – Total suspended solids

U _____

USFS-SR – U.S. Department of Agriculture Forest Service–Savannah River

USGS – U.S. Geological Survey

V _____

VIA – Values impact assessment

VOC – Volatile organic compound

W _____

WET – Whole effluent toxicity

WIPP – Waste Isolation Pilot Plant

WSRC – Westinghouse Savannah River Company