

# ACRONYMS and ABBREVIATIONS

AMSI	Advanced Monitoring Systems Initiative
ASAP	Adaptive Sampling and Analysis Program
ASTM	American Society of Testing Materials
Be	Beryllium
CAA	Critical Application Area
CEM	Continuous Emissions Monitor
CH	Contact-Handled
CMST	Characterization, Monitoring, and Sensor Technology
CMST-CP	Characterization, Monitoring, and Sensor Technology Crosscutting Program
D&D	Deactivation and Decommissioning
DDFA	Deactivation and Decommissioning Focus Area
D/F	Dioxin/Furan
DNAPL	Dense Non-Aqueous Phase Liquid
DoD	(U.S.) Department of Defense
DOE-EM	Department of Energy Office of Environmental Management
DQO	Data/Decision Quality Objective
EIT	Electrical Impedance Tomography
EM-50	Deputy Assistant Secretary for OST
EM-52	Director of the OST Office of Basic and Applied Research
EMSP	Environmental Management Science Program
EN	Electrochemical Noise
EPA	(U.S.) Environmental Protection Agency
ERT	Electrical Resistance Tomography
ESC	Expedited Site Characterization
ESP-CP	Efficient Separations Crosscutting Program
ETV	(EPA) Environmental Technology Verification (Program)
F&D	Function and Design
FA	Focus Area
FDD	Facility Deactivation and Decommissioning
GPS	Global Positioning System
HEPA	High Efficiency Particulate Air (filters)
Hg	Mercury
HLW	High-Level Waste
INDP	Industry and University Programs
INEEL	Idaho National Engineering and Environmental Laboratory
LDR	Land Disposal Restrictions
LIF	Laser-Induced Fluorescence
LIBS	Laser-Induced Breakdown Spectroscopy
LLW	Low-Level Waste
LOD	Limit Of Detection
LTM	Long-Term Monitoring

MACT	Maximum Achievable Control Technology
MEMS	Micro Electro-Mechanical Sensor
MM	Multiple Metal
MWP	Mixed Waste Processing
MYPP	Multi-Year Program Plan
NDA	Nondestructive Assay
NDE	Nondestructive Evaluation
NETL	National Energy Technology Laboratory
NIOSH	National Institute of Occupational Safety and Health
NO <sub>x</sub>	Nitrogen Oxides (primarily Nitrite and Nitrate)
OST	Office of Science and Technology
PCB	Polychlorinated Biphenyl
PEG	Program Execution Guidance
PGNAA	Pulsed Gamma Neutron Activation Analysis
PI	Principal Investigator
PM	Particulate Matter
ppm	parts per million
R&D	Research and Development
RBX-CP	Robotics Crosscutting Program
RCRA	Resource Conservation and Recovery Act
RFETS	Rocky Flats Environmental Technology Site
RFP	Request For Proposal
RH	Remote-Handled
SCFA	Subsurface Contaminants Focus Area
SNF	Spent Nuclear Fuel
SRS	Savannah River Site
SSR	Subsurface Characterization and Remediation
STCG	Site Technology Coordinating Group
TFA	Tanks Focus Area
TMFA	TRU and Mixed Waste Focus Area
TPO	Technical Program Officer
TRU	Transuranic (waste)
TTP	Technical Task Plan
TWP	Tank Waste Processing
USGS	U.S. Geological Survey
USDA	U.S. Department of Agriculture
VIP	Visible and Important Problem
VOC	Volatile Organic Compound
WAC	Waste Acceptance Criteria
WNMC	Waste and Nuclear Material Characterization
WTC	Waste Tank Closure
WTI	Waste Tank Integrity
WVDP	West Valley Demonstration Project