
ACRONYMS AND ABBREVIATIONS

Note: For abbreviations of units of measure, see Table UI-2, "Units of Measure Used in This ASER," in the "Useful Information" section.

A

ACM - Asbestos-Containing Material
AEA - Atomic Energy Act
ALARA - As Low As Reasonably Achievable
alpha-BHC - alpha-hexachlorocyclohexane
ANSI - American National Standards Institute
AOC - Ashford Office Complex
ARRA - American Recovery and Reinvestment Act
ASER - Annual Site Environmental Report
ASME - American Society of Mechanical Engineers
ASQ - American Society for Quality
AWQS - Ambient Water Quality Standard

B

B&P - Baltimore and Pittsburgh Railroad
BAT - Best Available Technology
BCG - Biota Concentration Guide
BEIR - Biological Effects of Ionizing Radiation
BMP - Best Management Plan
BOD₅ - Biochemical Oxygen Demand (5-day)
BR - Shale Bedrock

C

CAA - Clean Air Act
CBS - Chemical Bulk Storage
CCHD - Cattaraugus County Health Department
CCZ - Criticality Control Zone
CD - Compact Disk
CDDL - Construction and Demolition Debris Landfill
CEDE - Committed Effective Dose Equivalent
CEMP - Code of Environmental Management Principles (for Federal Agencies)
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
CFL - Compact Fluorescent Lighting
CFR - Code of Federal Regulations
CHBWW - CH2MHill • B&W West Valley
CMS - Corrective Measures Study
ConOps - Conduct of Operations
CPC - Chemical Process Cell
CPC-WSA - Chemical Process Cell Waste Storage Area

CSAP - Characterization Sampling and Analysis Plan
CSPF - Container Sorting and Packaging Facility
CSRF - Contact Size-Reduction Facility
CSS - Cement Solidification System
CTF - (West Valley) Citizen Task Force
CUP - Cask Unloading Pool
CWA - Clean Water Act
CX - Categorical Exclusion
CY - Calendar Year

D

D&D - Decontamination and Decommissioning
DCA - Dichloroethane
DCDFMeth - Dichlorodifluoromethane
DCE - Dichloroethylene
DEIS - Draft Environmental Impact Statement
DCG - Derived Concentration Guide
DCGL - Derived Concentration Guideline Level
DL - Detection Limit or Detection Level
DMR - Discharge Monitoring Report
DOE - (U.S.) Department of Energy
DOE-EM - Department of Energy, Office of Environmental Management
DOE-HQ - Department of Energy, Headquarters Office
DOE-WVDP - Department of Energy, West Valley Demonstration Project (title as of June 2006)
DOT - (U.S.) Department of Transportation
DP - Decommissioning Plan
DWW - Dewatering Well

E

E-Star - Environmental Sustainability
E.O. - Executive Order
EA - Environmental Assessment
ECL - (New York State) Environmental Conservation Law
EDE - Effective Dose Equivalent
EHS - Extremely Hazardous Substance
EIS - Environmental Impact Statement
ELIMS - Environmental Laboratory Information Management System
ELAB - (WVDP) Environmental Laboratory

ELAP - (New York State Department of Health) Environmental Laboratory Approval Program
EMS - Environmental Management System
EOC - Emergency Operations Center
EPA - (U.S.) Environmental Protection Agency
EPCRA - Emergency Planning and Community Right-to-Know Act
EPEAT - Electronic Procurement Environmental Assessment Tool
ERO - Emergency Response Organization
ERRC - Electronics Reuse and Recycling Challenge
ES&H - Environmental, Safety, and Health
ESH&Q - Environmental, Safety, Health, and Quality

F

FEIS - Final Environmental Impact Statement
FFCA - Federal Facilities Compliance Act
FIFRA - Federal Insecticide, Fungicide, and Rodenticide Act
FONSI - Finding of No Significant Impact
FR - Federal Register
FRS - Fuel Receiving and Storage
FSS - Final Status Survey
FSSP - Final Status Survey Plan
FY - Fiscal Year

G

GEL - GEL Laboratories LLC
GET - General Employee Training
GMP - Groundwater Monitoring Plan; Groundwater Monitoring Program
GPC - General Purpose Cell
GSL - (Site-Specific) Groundwater Screening Levels
GTCC - Greater Than Class C

H

HDPE - High-Density Polyethylene
HEPA - High-Efficiency Particulate Air (filter)
HLW - High-Level (radioactive) Waste
HP/BBS - Human Performance/Behavior-Based Safety
HPIC - High-Pressure Ion Chamber
HTO - Hydrogen Tritium Oxide
HVAC - Heating, Ventilation, and Air Conditioning

I

IAEA - International Atomic Energy Agency
IAP - Integrated Assessment Program
ICRP - International Commission on Radiological Protection
IM - Interim Measure

INEEL - Idaho National Engineering and Environmental Laboratory (historical)
INL - Idaho National Laboratory
IR - Issue Report
IRTS - Integrated Radwaste Treatment System
ISCORS - Interagency Steering Committee on Radiation Standards
ISMS - Integrated Safety Management System
ISO - International Organization for Standardization
IWSF - Interim Waste Storage Facility

K

KRS - Kent Recessional Sequence
KT - Kent Till
KW_{hr} - Kilowatt hour

L

LAS - Linear Alkylate Sulfonate
LCSN - Lamont Cooperative Seismographic Network
LDR - Land Disposal Restriction
LFR - Live-Fire Range
LiDAR - Light Detection and Ranging
LIMS - Laboratory Information Management System
LLD - Lower Limit of Detection
LLW - Low-Level (radioactive) Waste
LLW2 - Low-Level (liquid) Waste Treatment Facility
LLWTF - Low-Level Waste Treatment Facility (historical)
LPS - Liquid Pretreatment System
LSA - Lag (Low-Level Radioactive Waste) Storage Area
LSA #1 - Lag Storage Addition #1
LSA #2 - Lag Storage Hardstand #2
LSB - Lag Storage Building
LTR - License Termination Rule
LTS - Lavery Till Sand
LWTS - Liquid Waste Treatment System

M

MAPEP - Mixed Analyte Performance Evaluation Program
MCL - Maximum Contaminant Level
MCLG - Maximum Contaminant Level Goal
MDC - Minimum Detectable Concentration
MDL - Method Detection Limit (also Minimum Detection Level)
MEI - Maximally Exposed Individual
MEOSI - Maximally Exposed Off-Site Individual
MGD - Million Gallons per Day
MMBTU - One million BTUs (a thousand thousand BTUs), also expressed as MBTU
MOU - Memorandum of Understanding
MPPB - Main Plant Process Building

MSDS - Material Safety Data Sheet
MW - (Radioactive and Hazardous) Mixed Waste

N

NCRP - National Council on Radiation Protection and Measurements
NDA - Nuclear Regulatory Commission (NRC)-Licensed Disposal Area
NELAC - National Environmental Laboratory Accreditation Conference
NEPA - National Environmental Policy Act
NESHAP - National Emission Standards for Hazardous Air Pollutants
NFS - Nuclear Fuel Services, Inc.
NGVD - National Geodetic Vertical Datum
NH₃ - Ammonia
NIST - National Institute of Standards and Technology
NOAA - National Oceanic and Atmospheric Administration
NOI - Notice of Intent
NOT - Notice of Termination
NOV - Notice of Violation
NO₂-N - Nitrite (as N)
NO₃-N - Nitrate (as N)
NO_x - Nitrogen Oxides
NPDES - National Pollutant Discharge Elimination System
NPGMP - North Plateau Groundwater Monitoring Plan
NPGRS - North Plateau Groundwater Recovery System
NPOC - Nonpurgeable Organic Carbon
NRC - (U.S.) Nuclear Regulatory Commission
NTS - Nevada Test Site
NTU - Nephelometric Turbidity Unit
NYCRR - New York Official Compilation of Codes, Rules, and Regulations
NYS - New York State
NYSDEC - New York State Department of Environmental Conservation
NYSDOH - New York State Department of Health
NYSDOH ELAP - (NYSDOH) Environmental Laboratory Approval Program
NYSDEL - New York State Department of Labor
NYSERDA - New York State Energy Research and Development Authority
NYSGS - New York State Geological Survey

O

OAD - Office of Atomic Development
OSHA - Occupational Safety and Health Administration
OVE - Outdoor Ventilated Enclosure

P

PC - Personal Computer
PCB - Polychlorinated Biphenyl
PE - Professional Engineer
PMC - Process Mechanical Cell
PMP - Performance Monitoring Plan
PNL - Pacific Northwest Laboratory
POC - Principal Organic Contaminant
PQL - Practical Quantitation Limit
PTW - Permeable Treatment Wall
PTW PMP - Permeable Treatment Wall Performance Monitoring Plan
PUREX - Plutonium Uranium Reduction Extraction
PVC - Polyvinyl Chloride
PVS - Permanent Ventilation System
PVU - Portable Ventilation Unit

Q

QA - Quality Assurance
QAP - Quality Assessment Program (also Quality Assurance Program)
QC - Quality Control
QF - Quality Factor

R

RAI - Request for Additional Information
RAO - Remedial Action Objectives
RCRA - Resource Conservation and Recovery Act
REM - Roentgen Equivalent Man
RFI - RCRA Facility Investigation
RFP - Request for Proposal
RHWF - Remote-Handled Waste Facility
RMW - Regulated Medical Waste
ROD - Record of Decision

S

S&G - Sand and Gravel Unit
SAR - Safety Analysis Report
SARA - Superfund Amendments and Reauthorization Act
SD - Standard Deviation
SDA - (New York) State-Licensed Disposal Area
SDWA - Safe Drinking Water Act
SEC - Safety and Ecology Corporation
SEQR - (New York) State Environmental Quality Review Act
SI - Systeme Internationale (International System of Units)
SMS - Safety Management System
SNR - Supplier Nonconformance Report
SO_x - Sulfur Oxides

SOP - Standard Operating Procedure
SPCC - Spill Prevention, Control, and Countermeasures (Plan)
SPDES - (New York) State Pollutant Discharge Elimination System
SRM - Standard Reference Material
SSP - Site Sustainability Plan
SSWMU - Super Solid Waste Management Unit
STP - Site Treatment Plan
STS - Supernatant Treatment System
SU - Standard Unit
SVOC - Semivolatile Organic Compound
SWMU - Solid Waste Management Unit
SWPPP - Storm Water Pollution Prevention Plan
SWS - Slack Water Sequence

T

T&VDS - Tank and Vault Drying System
TAGM - Technical and Administrative Guidance Memorandum
TBP - Tributyl Phosphate
TBU - Thick-Bedded Unit
TCE - Trichloroethylene
TDS - Total Dissolved Solids
TEDE - Total Effective Dose Equivalent
THOREX - Thorium Reduction Extraction
TKN - Total Kjeldahl Nitrogen
TLD - Thermoluminescent Dosimeter
TOC - Total Organic Carbon
TOGS - Technical and Operational Guidance Series
TOX - Total Organic Halides
TRI - Toxic Release Inventory
TRU - Transuranic
TSC - Technical Support Center
TSCA - Toxic Substances Control Act
TSDF - Treatment, Storage, and Disposal Facility
TSS - Total Suspended Solids

U

U.S. - United States
UB - State University of New York at Buffalo
UDF - Unit Dose Factor
UIC - Underground Injection Control
ULT - Unweathered Lavery Till
URS - URS - Energy & Construction Division
USACE - U.S. Army Corps of Engineers
USC - United States Code
USGS - United States Geological Survey
UV - Ultraviolet

V

VIT - Vitrification
VLDPE - Very-Low-Density Polyethylene
VOC - Volatile Organic Compound
VPP - (U.S. DOE) Voluntary Protection Program

W

WET - Whole Effluent Toxicity
WLT - Weathered Lavery Till
WMA - Waste Management Area
WMIN/P2 - Waste Minimization/Pollution Prevention
WNYNSC - Western New York Nuclear Service Center
WRES - Washington Regulatory and Environmental Services
WTC - Water Treatment Chemical
WTF - Waste Tank Farm
WVCS - West Valley Central School
WVDP - West Valley Demonstration Project
WVES - West Valley Environmental Services LLC
WVNS - West Valley Nuclear Services (historical)
WVNSCO - West Valley Nuclear Services Company (historical)
WWTF - Wastewater Treatment Facility

X

XC-1 - Extraction Cell 1
XC-3 - Extraction Cell 3