

Acronyms and Abbreviations

See also the Glossary for further definition of selected terms.

A	ACDEH	Alameda County Department of Environmental Health
	ACHP	Advisory Council on Historic Preservation
	ACL	ambient concentration limit
	ACOE	Army Corps of Engineers
	AFV	alternative fuel vehicles
	ALARA	as low as reasonably achievable
	ANSI	American National Standards Institute
	ASE	accelerated solvent extraction
	ATCM	Airborne Toxic Control Measure
	ATSDR	Agency for Toxic Substances and Disease Registry
	AWQC	ambient water quality criteria
B	BA	biological assessment
	BAAQMD	Bay Area Air Quality Management District
	BAT	best available technology
	BMP	best management practice
	Bq	becquerel
	BSA	Blanket Service Agreement
	BSL-3	Biosafety Level 3
C	CAM	continuous air monitor
	CAMP	Corrective Action Monitoring Program
	CAP	Corrective Action Plan
	CARB	California Air Resources Board
	CCB	Change Control Board
	CCR	California Code of Regulations Container Content Report
	CD	compact disc
	CDF	California Department of Forestry
	CEI	Compliance Evaluation Inspection
	CEQA	California Environmental Quality Act of 1970
	CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
	CES	Chemistry and Materials Science Environmental Services
	CFR	Code of Federal Regulations

Acronyms and Abbreviations

CHP	California Highway Patrol
Chromium(VI)	hexavalent chromium
Ci	curie
CMP	Compliance Monitoring Program
CNPS	California Native Plant Society
COC	constituent of concern
COD	chemical oxygen demand
CRLF	California red-legged frog
CSA	container storage area
CTC	Closing-the-Circle
CVRWQCB	Central Valley Regional Water Quality Control Board
CWA	(Federal) Clean Water Act
D	
D&D	decommissioning and decontamination
DCG	Derived Concentration Guide
DDC	direct digital control
DHS	Department of Health Services
DMP	Detection Monitoring Program
DMT	Data Management Team
DOE	U.S. Department of Energy
DRB	Drainage Retention Basin
DTSC	(California Environmental Protection Agency), Department of Toxic Substances Control
DWTF	Decontamination and Waste Treatment Facility
E	
EA	environmental assessment
EDE	effective dose equivalent
EDO	Environmental Duty Officer
EIR	environmental impact report
EIS	environmental impact statement
EMP	Environmental Management Program
EMRL	Environmental Monitoring Radiation Laboratory
EMS	Environmental Management System
EOG	Environmental Operations Group
EPA	Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act of 1986
EPD	Environmental Protection Department (LLNL)
EPL	effluent pollutant limit

	ERA	Environmental Resource Associates
	ERD	Environmental Restoration Division (of the Environmental Protection Department at LLNL)
	ERRC	Electronics Recycling and Reuse Challenge
	ES&H	Environment, Safety, and Health
	ESB	East Settling Basin
	ESI	enhanced surveillance inspection
	EWSF	Explosives Waste Storage Facility
	EWTF	Explosives Waste Treatment Facility
F	F&I	facility and infrastructure
	FEC	Federal Electronics Challenge
	FEMP	Federal Energy Management Program
	FFA	federal facility agreement
	FY	fiscal year
G	GAB	gross alpha and gross beta
	GBq	gigabecquerel (10^9 Bq)
	GIS	Geographic Information System
	GPS	global positioning system
	GSA	General Services Area (LLNL Site 300)
	GWP	Ground Water Project
H	HAP	hazardous air pollutants
	HCAL	Hazards Control Department's Analytical Laboratory
	HEPA	high-efficiency particulate air (filter)
	HMX	cyclotetramethyltetramine (high explosive). Also referred to as octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine.
	HPGe	high-purity germanium
	HSU	hydrostratigraphic unit
	HT	tritiated hydrogen gas (See also tritium in Glossary.)
	HTO	tritiated water and water vapor (See also tritium in Glossary.)
	HVAC	heating, ventilating, and air conditioning
	HW	hazardous waste
	HWCA	Hazardous Waste Control Act
	HWFP	Hazardous Waste Facility Permit
I	IEEE	Institute of Electrical and Electronics Engineers
	IQR	interquartile range
	ISMS	Integrated Safety Management System
	ISO	International Organization for Standardization

Acronyms and Abbreviations

ITS	Issue Tracking System
IWS	integration work sheet
J JASPER	Joint Actinide Shock Physics Experiment Research
L LEPC	Local Emergency Planning Committee
LLD	lower limit of detection
LLNL	Lawrence Livermore National Laboratory
LLW	low-level waste
LOS	limit of sensitivity
LRS	laws, regulations, standards
LSO	Livermore Site Office
LWRP	Livermore Water Reclamation Plant
M MAPEP	Mixed Analyte Performance Evaluation Program
mCi	millicurie (10^{-3} Ci)
MCL	maximum contaminant level
MDC	minimum detectable concentration
MIS	Maintenance Impact Study
ML	million liters
MNA	monitored natural attenuation
MRP	Monitoring and Reporting Program
MSDS	material safety data sheet
mSv	millisievert (10^{-3} Sv)
MW	mixed waste
N NCR	nonconformance report
NCRP	National Council on Radiation Protection and Measurements
NEPA	National Environmental Policy Act
NESHAPs	National Emissions Standards for Hazardous Air Pollutants
NHPA	National Historic Preservation Act
NIF	National Ignition Facility
NNSA	National Nuclear Security Administration
NOD	notice of deficiency
NOV	notice of violation
NOx	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
nSv	nanosievert (10^{-9} Sv)
NWP	nationwide permit

O	OBT	organically bound tritium
	OFI	opportunities for improvement
	OR	occurrence report
	ORAD	Operations and Regulatory Affairs Division (of the Environmental Protection Department at LLNL)
	OU	operable unit
P	P2	pollution prevention
	PCB	polychlorinated biphenyl
	PCE	perchloroethylene (or perchloroethene). Also called tetrachloroethylene (or tetrachloroethene).
	PETN	pentaerythritol tetranitrate
	PHA	public health assessment
	pHMS	pH Monitoring Station
	PM-10	particulate matter
	ppb	parts per billion
	ppm	parts per million
	PPOA	Pollution Prevention Opportunity Assessment
	PQL	practical quantitation limit
Q	QA	quality assurance
	QC	quality control
R	RAIP	Remedial Action Implementation Plan
	RCRA	Resource Conservation and Recovery Act of 1976
	RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine (high explosive)
	REC	renewable energy credit
	RHWM	Radioactive and Hazardous Waste Management Division (of the Environmental Protection Department at LLNL)
	RI/FS	remedial investigation/feasibility study
	RL	reporting limit
	ROD	Record of Decision
	ROGs/POCs	reactive organic gases/precursor organic compounds
	ROI	return on investment
	RWQCB	regional water quality control board
S	Sandia/California	Sandia National Laboratories/California
	SARA	Superfund Amendment and Reauthorization Act of 1986 (see also CERCLA/SARA)
	SAT	Space Action Team
	SDF	Sewer Diversion Facility

Acronyms and Abbreviations

SERC	State Emergency Response Commission
SFBRWQCB	San Francisco Bay Regional Water Quality Control Board
SHPO	State Historic Preservation Officer
SI	Système International d'Unités
Site 300	LLNL's Experimental Test Site, located approximately 24 km east of the Livermore site
SJCEHD	San Joaquin County Environmental Health Department
SJVAPCD	San Joaquin Valley Air Pollution Control District
SME	subject matter expert
SMOP	Synthetic Minor Operating Permit
SMS	Sewer Monitoring Station
SOO	summary of observations
SOP	standard operating procedure
SPCC	Spill Prevention Control and Countermeasure
SSTL	Small Scale Treatment Laboratory
STP	Site Treatment Plan
Sv	sievert
SVOC	semivolatile organic compound
SWESR	Site-Wide Remediation Evaluation Summary Report
SW-MEI	site-wide maximally exposed individual member (of the public)
SWPPP	Storm Water Pollution Prevention Plan
T	
TAC	toxic air contaminant
TAG	Technical Assistance Grant
TBq	terabecquerel (10^{12} Bq)
TCE	trichloroethene (or trichloroethylene)
TDS	total dissolved solids
TEF	toxicity equivalency factor
TEQ	toxicity equivalency
TF	treatment facility
TLD	thermoluminescent dosimeter
TNT	trinitrotoluene
TOC	total organic carbon
TOX	total organic halides
TRI	Toxics Release Inventory
Tri-Valley CAREs	Tri-Valley Communities Against a Radioactive Environment
TRU	transuranic (waste)

	TSCA	Toxic Substances Control Act
	TSS	total suspended solids
	TTO	total toxic organics
	TWMS	Total Waste Management System
U	UC	University of California
	USFWS	U.S. Fish and Wildlife Service
V	VFD	variable frequency drive
	VOC	volatile organic compound
	VTF	vapor treatment facility
W	WAA	waste accumulation area
	WDR	Waste Discharge Requirement
	WMA	Waste Management Area
	WSS	Work Smart Standards
Z	Zone 7	Alameda County Flood Control and Conservation District, Zone 7