

ACRONYMS AND ABBREVIATIONS

See also the Glossary for further definition of selected terms.

	%RSD	Percent relative standard deviation
A	ACEHCS	Alameda County Environmental Health Care Services
	ACOE	Army Corps of Engineers
	Ag	Silver
	ALARA	As low as reasonably achievable
	ANSI	American National Standards Institute
	As	Arsenic
	AST	Aboveground storage tank
	ATSDR	Agency for Toxic Substances and Disease Registry
	AVLIS	Advanced Vapor Laser Isotope Separation
	AWQC	Ambient water quality criteria
B	BAAQMD	Bay Area Air Quality Management District
	BMP	Best management practice
	Bq	Becquerel
	BTU	Biotreatment unit
C	CaCO₃	Calcium carbonate
	CAM	Continuous air monitor
	CAMP	Corrective Action Monitoring Program
	CAREs	(Tri-Valley) Communities Against a Radioactive Environment
	CCB	Change Control Board
	CCR	California Code of Regulations
	CD	Compact disc
	Cd	Cadmium
	CDFG	California Department of Fish and Game
	CEQA	California Environmental Quality Act of 1970
	CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980

	CERCLA/SARA	Superfund Amendments and Reauthorization Act (SARA)
	CES	Chemistry and Materials Science Environmental Services
	CFF	Contained Firing Facility
	CFR	Code of Federal Regulations
	Chromium(VI)	Hexavalent chromium
	Ci	Curie
	CNPS	California Native Plant Society
	COC	Constituent of concern
	COD	Chemical oxygen demand
	Cr	Chromium
	CRD	Catalytic reductive dehalogenation
	CSA	Container storage area
	CSTP	Conceptual Site Treatment Plan
	Cu	Copper
	CVRWQCB	Central Valley Regional Water Quality Control Board
	CWA	(Federal) Clean Water Act
	CWG	Community Work Group
D	DAP	Discipline action plan
	DCG	Derived Concentration Guide
	DfE	Design for Environment
	DHS	Department of Health Services
	DOE	U.S. Department of Energy
	DOT	U.S. Department of Transportation
	DRB	Drainage Retention Basin
	DSTP	Draft Site Treatment Plan
	DTEP	Defense Technologies Evaluations Program
	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
	EML	Environmental Monitoring Laboratory
	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
	EPTP	Environmental Protection Training Department (LLNL)
	ERD	Environmental Restoration Division (of the Environmental Protection Department at LLNL)
	ES&H	Environment, Safety, and Health
	EST	Environmental support team
	EWSE	Explosives Waste Storage Facility
	EWTF	Explosives Waste Treatment Facility
F	FFA	Federal facility agreement
	FHC	Fuel hydrocarbon
	FONSI	Finding of no significant impact
	FSP	Facility safety plan
	FSTP	Final Site Treatment Plan
	FY	fiscal year
G	GBq	Gigabecquerel (10^9 Bq)
	GEM	Global Electric Motorcar
	GPS	Global positioning system
	GSA	General Services Area (LLNL Site 300)
	GWP	Ground Water Project
	GWPMP	Ground Water Project Management Program
	Gy	Gray
H	HCAL	Hazards Control Department's Analytical Laboratory
	HE	High explosives
	HEPA	High-efficiency particulate air (filter)
	Hg	Mercury

	HMX	Cyclotetramethyltetramine. 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.)
	HWCA	(California) Hazardous Waste Control Act
I	ICRP	International Commission on Radiological Protection
	IQR	Interquartile range
	ISMS	Integrated Safety Management System
	IWS	Integration work sheet
L	LBNL	Lawrence Berkeley National Laboratory
	LEPC	Local Emergency Planning Committee
	LLNL	Lawrence Livermore National Laboratory
	LLW	Low-level (radioactive) waste
	LOS	Limit of sensitivity
	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
	MEI	Maximally exposed individual
	ML	Million liters
	MIXED	Mixed low-level waste
	MSDS	Material Safety Data Sheet
	mSv	Millisievert (10^{-3} Sv)
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
	Ni	Nickel
	NIF	National Ignition Facility
	NOV	Notice of Violation

	NO_x	Oxides of nitrogen
	NPDES	National Pollutant Discharge Elimination System
	NRC	Nuclear Regulatory Commission
	nSv	Nanosievert (10 ⁻⁹ Sv)
	NWP	nationwide permit
O	OBT	Organically bound tritium
	ORAD	Operations and Regulatory Affairs Division (of the Environmental Protection Department at LLNL)
	OSP	Operational safety plan
	OU	Operable unit
P	P2	Pollution prevention
	P2/E2	Pollution prevention/energy efficiency
	PA	Programmatic agreement
	Pb	Lead
	PCB	Polychlorinated biphenyl
	PCE	Perchloroethylene (or perchloroethene). Also called tetrachloroethylene (or tetrachloroethene).
	PHA	Public health assessment
	pHMS	pH Monitoring Station
	PM	Performance measure
	PMCL	Primary maximum contaminant level
	ppb	Parts per billion
	ppm	Parts per million
	PQL	Practical quantitation limit
	PRAG	Permits and Regulatory Affairs Group
	PTU	Portable treatment unit
	PV	Photovoltaic
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
	RHWM	Radioactive and Hazardous Waste Management Division (of the Environmental Protection Department at LLNL)

	RL	Reporting limit
	ROD	Record of Decision
	ROI	Return on investment
	RWQCB	Regional water quality control board
S	SAA	Streambed alteration agreement
	SAER	Site Annual Environmental Report
	Sandia/California	Sandia National Laboratories/California
	SAR	Safety analysis report
	SARA	Superfund Amendment and Reauthorization Act of 1986 (see also CERCLA/SARA)
	SAT	Space Action Team
	SDF	Sewer Diversion Facility
	SE	Standard error
	SERC	State Emergency Response Commission
	SFBRWQCB	San Francisco Bay Regional Water Quality Control Board
	SHPO	State Historic Preservation Office
	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
	SJVUAPCD	San Joaquin Valley Unified Air Pollution Control District
	SME	Subject matter expert
		Safety Management Evaluation
	SMS	Sewer Monitoring Station
	SOV	Summary of violations
	STU	Solar-powered treatment unit
	Sv	Sievert
	SW-MEI	Sitewide maximally exposed individual member (of the public)
	SWPPP	Storm Water Pollution Prevention Plan
	SWRCB	(California) State Water Resources Control Board
T	TAG	Technical Assistance Grant
	TBOS	Tetrabutyl orthosilicate
	TBq	Terabecquerel (10^{12} Bq)
	TCE	Trichloroethene (or trichloroethylene)

	TCLP	Toxicity characteristic leaching procedure
	TDS	Total dissolved solids
	TEF	Toxic equivalency factor
	TEQ	Toxic equivalency
	TKEBS	Tetrakis (2-ethylbutyl) silane
	TLD	Thermoluminescent dosimeter
	TNT	Trinitrotoluene
	TOC	Total organic carbon
	TOX	Total organic halides
	TRI	Toxics Release Inventory
	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
	UST	Underground storage tank
	UV/H₂O₂	Ultraviolet/hydrogen peroxide
V	VELB	Valley Elderberry Longhorn Beetle
	VOC	Volatile organic compound
W	WAA	Waste accumulation area
	WDR	Waste Discharge Requirement
	WSS	Work Smart Standards
Z	Zn	Zinc
	Zone 7	Alameda County Flood Control and Conservation District, Zone 7

