

ABBREVIATIONS AND ACRONYMS

1		
2		
3	AA	Atomic Absorption
4	AASHTO	American Association of State Highway and Transportation Officials
5	ACA	Agency for Conservation Archaeology
6	ACI	American Concrete Institute
7	ACOW	Assistant Chief Office Warden
8	AD	automatic dry chemical extinguishing system
9	ADT	average daily traffic
10	AIS	Air Intake Shaft
11	AISC	American Institute for Steel Construction
12	AK	acceptable knowledge
13	AKSD	Acceptable Knowledge Sufficiency Determination
14	ALARA	as low as reasonably achievable
15	ALI	annual limit on intake
16	AMM	asphalt mastic mix
17	AMWTP	Advanced Mixed Waste Treatment Project
18	ANSI	American National Standards Institute
19	API	American Petroleum Institute
20	AR	Action Request
21	ARM	area radiation monitor
22	AS	automatic wet pipe sprinkler system
23	ASER	Annual Site Environmental Report
24	ASTM	American Society for Testing and Materials
25	BDR	Batch Data Reports
26	BFB	bromofluorobenzene
27	BGS	below ground surface
28	BLM	(U. S. Department of the Interior) Bureau of Land Management
29	BS/BSD	blank spike/blank spike duplicates
30	BSEP	Brine Sampling and Evaluation Program
31	CA	controlled area
32	CAM	continuous airborne monitor
33	CAR	Corrective Action Report
34	CAS	Chemical Abstract Service
35	CBFO	Carlsbad Field Office
36	CCC	calibration check compounds
37	CCP	Central Characterization Project
38	CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
39	CFR	Code of Federal Regulations
40	CH	contact-handled
41	CHAMPS	Computerized History and Maintenance Planning System (WIPP automated
42		maintenance management tracking program)
43	CIS	Characterization Information Summary
44	CMR	Central Monitoring Room
45	CMRO	Central Monitoring Room Operator

1	CMS	Central Monitoring System
2	COC	concentrations of concern
3	COC	chain-of-custody
4	CofC	chain-of-custody
5	COW	Chief Office Warden
6	CPR	cardio pulmonary resuscitation
7	CQC	contractor's quality control
8	CRQL	Contract Required Quantitation Limits
9	CTD	cumulative trauma disorder
10	D&D	decontamination and decommissioning
11	DA	Data Administrator
12	DAC	derived air concentration
13	DAC	drum age criteria
14	D/H	deuterium/hydrogen
15	DHV	design hourly volume
16	DI	deionozed
17	DOE	U. S. Department of Energy
18	DOI	U. S. Department of the Interior
19	DOT	U. S. Department of Transportation
20	DPS	Department of Public Safety
21	DQO	data quality objective
22	DRZ	disturbed rock zone
23	DZ	disturbed zone
24	EAL	expanded average load
25	ECP	Engineering Change Proposal
26	EDD	electronic data deliverable
27	EEG	Environmental Evaluation Group
28	EM	environmental monitoring
29	EOC	Emergency Operations Center
30	EPA	U. S. Environmental Protection Agency
31	ERDA	U.S. Energy Research and Development Administration
32	ERT	Emergency Response Team
33	ESP	electric submersible pump
34	EST	Emergency Services Technician
35	FAS	fixed air sampler
36	FEIS	Final Environmental Impact Statement
37	FID	Flame Ionization Detector
38	FIRST	Facility Inspection, Repair, and Service Team
39	FLAC	Fast Lagrangian Analysis of Continua
40	FLIRT	First Line Initial Response Team
41	FPT	Fire Protection Technician
42	FSM	Facility Shift Manager
43	FTIRS	Fourier transform infrared spectrometry
44	GC/FID	gas chromatography/flame ionization
45	GC/MS	gas chromatography/mass spectrometry

1	GERT	General Employee Radiological Training
2	GET	General Employee Training
3	GIS	Geomechanical Instrumentation System
4	GMS	Geomechanical Monitoring System
5	GWSP	Groundwater Surveillance Program
6	HDM	Highway Design Manual
7	HEPA	high efficiency particulate air (filter)
8	HERE	Horizontal Emplacement and Retrieval Equipment
9	HMAC	hot mix asphalt concrete
10	HMT	Hazardous Materials Table
11	HPLC	High Pressure Liquid Chromatography
12	HSG	headspace gas
13	HVAC	heating, ventilation (and) air-conditioning (systems)
14	HWDU	Hazardous Waste Disposal Unit
15	HWMU	hazardous waste management unit
16	HWN	hazardous waste number
17	HWO	hazardous waste operations
18	HWW	Hazardous Waste Worker
19	IC	instrument calibration
20	ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectrometry
21	ICP-MS	Inductively Coupled Plasma—Mass Spectrometry
22	ICV	inner containment vessel
23	ID	identification
24	IDL	instrument detection limits
25	INEL	Idaho National Engineering Laboratory
26	INL	Idaho National Laboratory
27	JPM	job performance measure
28	LAN	local area network
29	LCS	laboratory control samples, laboratory control spikes
30	LD	limit of detection
31	LDR	Land Disposal Restrictions
32	LET	linear energy transfer
33	LSA	low-specific activity
34	LWA	Land Withdrawal Act
35	M&DC	monitoring and data collection
36	MB117	Marker Bed 117
37	MB139	Marker Bed 139
38	M-D	Munson-Dawson (creep model)
39	MDCF	multimechanism deformation coupled fracture
40	MDL	method detection limit
41	MOC	Management and Operating Contractor
42	MOU	Memorandum of Understanding
43	MPS	manual pull stations
44	MRL	method reporting limits
45	MRT	Mine Rescue Team

1	MSDS	Material Safety Data Sheet
2	MSHA	Mine Safety and Health Administration
3	NCR	nonconformance report
4	NDE	non-destructive examination
5	NFPA	National Fire Protection Association
6	NHPA	National Historic Preservation Act
7	NIOSH	National Institute of Occupational Safety and Health
8	NIST	National Institute of Standards and Technology
9	NMAC	New Mexico Administrative Code
10	NMBMMB	New Mexico Bureau of Mines and Mineral Resources
11	NMED	New Mexico Environment Department
12	NRC	U. S. Nuclear Regulatory Commission
13	NTIS	National Technical Information Service
14	OCA	outer containment assembly
15	OHP	Operational Health Physics
16	OJT	on-the-job training
17	OSHA	Occupational Safety and Health Administration
18	OVA	organic vapor analyzer
19	PA	public address
20	PA	performance assessment
21	PAS	portable air sampler
22	PBT	performance based training
23	PCB	polychlorinated biphenyl
24	PDP	Performance Demonstration Program
25	PEL	Permissible Exposure Limit
26	PFE	portable fire extinguishers
27	PM	preventive maintenance
28	PMP	probable maximum precipitation
29	POC	pipe overpack container
30	POD	plan of the day
31	PPA	Property Protection Area
32	PPE	personal protective equipment
33	PRDL	program required detection limits
34	PRQL	program required quantitation limit
35	PRS	Project Records Service
36	PTM	Plug Test Matrix
37	PVA	poly-vinyl alcohol
38	QA	quality assurance
39	QAO	quality assurance objectives
40	QAPD	Quality Assurance Program Description
41	QAPjP	Quality Assurance Project Plan
42	QC	quality control
43	R&D	Research and Development
44	RADCON	radiological control
45	RBA	radiological buffer areas

1	RC	radiological control
2	RCM	Radiological Control Manual
3	RCRA	Resource Conservation and Recovery Act
4	RCT	Radiological Control Technician
5	RFA	request for analysis
6	RH	remote-handled
7	RIDS	records inventory and disposition schedule
8	RPD	relative percent difference
9	RRF	relative response factor
10	RT	retention time
11	RTL	regulatory threshold limit
12	RW	roving watch
13	RWP	radiological work permit
14	SAA	satellite accumulation area
15	SARA	Superfund Amendments and Reauthorization Act
16	SAT	Systematic Approach to Training
17	SATCOM	Satellite Communications
18	SC	specific conductance
19	SCBA	self-contained breathing apparatus
20	SHPO	State Historic Preservation Officer
21	SI	System International d'Unites
22	SMC	Salado Mass Concrete
23	SME	subject matter expert
24	SNS	site notification system
25	SOP	standard operating procedure
26	SPCC	System Performance Check Compound
27	SPDV	site and preliminary design validation
28	SPM	Site Project Manager
29	SPS	Southwestern Public Service
30	SRD	self-reading dosimetry
31	SSSPT	Small-Scale Seal Performance Tests
32	STLB	sample tracking logbook
33	SVOC	semi-volatile organic compound
34	SWB	standard waste box
35	SWP	safe work permit
36	TAP	training accreditation program
37	TC	toxicity characteristic
38	TCLP	toxicity characteristic leaching procedure
39	TDOP	ten-drum overpack
40	TDS	total dissolved solids
41	TEAL	total expanded average load
42	TI	traffic index
43	TIC	tentatively identified compound
44	TLD	thermoluminescent dosimeters
45	TOC	total organic carbon

Waste Isolation Pilot Plant
Hazardous Waste Facility Permit
Renewal Application
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1	TOX	total organic halogens
2	TRU	transuranic
3	TRUDOCK	TRUPACT-II unloading dock
4	TRUPACT-II	Transuranic Package Transporter-II
5	TSDF	treatment, storage, and disposal facility
6	TSS	total suspended solids
7	UN	United Nations
8	UPS	uninterruptible power supply
9	UST	underground storage tank
10	VE	visual examination
11	VHS	vent-hood system
12	VOA	volatile organic analysis
13	VOC	volatile organic compound
14	VOCMP	Volatile Organic Compound Monitoring Plan
15	WAC	waste acceptance criteria
16	WAP	waste analysis plan
17	WGES	Westinghouse Government Environmental Services Company LLC
18	WGI	Washington Group International
19	WHB	Waste Handling Building
20	WIPP	Waste Isolation Pilot Plant
21	WQSP	Water Quality Sampling Program
22	WSPF	Waste Stream Profile Form
23	WTS	Washington TRU Solutions LLC
24	WTWBIR	WIPP Transuranic Waste Baseline Inventory Report
25	WWIS	WIPP Waste Information System

UNITS OF MEASURE

1		
2		
3	%C	percent complete
4	%D	percent difference
5	%R	percent recovery
6	%RSD	percent relative standard deviation
7	°C	degrees Celsius
8	°F	degrees Fahrenheit
9	ac	acre(s)
10	AC	alternating current
11	acfm	actual cubic feet per minute
12	cc/s	cubic centimeter(s) per second
13	cm	centimeter(s)
14	cm ³	cubic centimeter(s)
15	dpm	disintegration(s) per minute
16	f _c	psi compressive strength
17	ft	foot (feet)
18	ft ³	cubic foot (feet)
19	ft ²	square foot (feet)
20	g	gram(s)
21	gal	gallon(s)
22	ha	hectare(s)
23	hr	hour(s)
24	in.	inch(es)
25	in ²	square inch(es)
26	kg	kilogram(s)
27	km	kilometer(s)
28	km ²	square kilometer(s)
29	kph	kilometer(s) per hour
30	kV	kilovolt(s)
31	L	liter(s)
32	lb	pound(s)
33	LD ₅₀	lethal dose 50%
34	m	meter(s)
35	m ³	cubic meter(s)
36	mg	milligram(s)
37	mg/kg	milligram(s) per kilogram
38	mi	mile(s)
39	min	minute(s)
40	ml	milliliter(s)
41	mm	millimeter(s)
42	MPa	MegaPascal(s)
43	mph	mile(s) per hour
44	msl	mean sea level
45	mV	milliVolt(s)

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1	oz	ounce(s)
2	ppbv	part(s) per billion by volume
3	ppm	part(s) per million
4	ppmv	part(s) per million by volume
5	psi	pound(s) per square inch
6	psig	pound(s) per square inch gauge
7	RAD	radiation absorbed dose
8	REM	roentgen equivalent man
9	RPD	relative percent difference
10	s	second(s)
11	scfm	standard cubic foot (feet) per minute
12	UCL ₉₀	upper 90-percent confidence limit
13	V	volt(s)
14	wt %	weight percent
15	wt.	weight
16	yd	yard(s)
17	yd ³	cubic yard(s)
18	yr	year(s)
19	µg	microgram(s)
20	µm	micrometer(s)