

# **Appendix A**

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*Acronyms and Abbreviations,  
Metric Conversion Table, and Data Qualifier Definitions*



## **A-1.0 ACRONYMS AND ABBREVIATIONS**

AK	acceptable knowledge
AOC	area of concern
ATSDR	Agency for Toxic Substances and Disease Registry
bgs	below ground surface
BH	borehole
BTEX	benzene, toluene, ethylbenzene, and xylene
BV	background value
CEARP	Comprehensive Environmental Assessment and Response Program
CFR	Code of Federal Regulations
CMR	Chemical and Metallurgical Research (building)
COPC	chemical of potential concern
DCA	dichloroethane
DCE	dichloroethene
DDE	dichlorophenyltrichloroethylene
DOE	Department of Energy (U.S.)
DRO	diesel range organic
EM	electromagnetic
EP	Environmental Programs Directorate
EPA	Environmental Protection Agency (U.S.)
FFCA	Federal Facility Compliance Act
FV	fallout value
GPR	ground-penetrating radar
GPS	global-positioning system
HE	high explosives
HEPA	high-efficiency particulate air
HIR	historical investigation report
HSWA	Hazardous and Solid Waste Amendments
HWFP	Hazardous Waste Facility Permit
IDW	investigation-derived waste
IP	individual permit
LANL	Los Alamos National Laboratory
LLW	low level waste
MDA	material disposal area

MLLW	mixed low-level waste
MSGP	Multi-Sector General Permit
NFA	no further action
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NOI	notice of intent
NPDES	National Pollutant Discharge Elimination System
OU	operable unit
PAH	polycyclic aromatic hydrocarbon
PBX	plastic-bonded explosive
PCB	polychlorinated biphenyl
PETN	pentaerythritol tetranitrate
PID	photoionization detector
PPE	personal protective equipment
ppm	part per million
QA/QC	quality assurance/quality control
RCRA	Resource Conservation and Recovery Act
RDX	hexahydro-1,3,5-trinitro-1,3,5-triazine
RFI	RCRA facility investigation
RLW	radioactive liquid waste
RLWTF	Radioactive Liquid Waste Treatment Facility
SAA	satellite accumulation area
SAL	screening action level
SCL	sample collection log
SDPPP	Site Drainage Pollution Prevention Program
SMA	site-monitoring areas
SOP	standard operating procedure
SSL	soil screening level
SVOC	semivolatile organic compound
SWMU	solid waste management unit
SWSC	Sanitary Wastewater Systems Consolidated Plant
TA	technical area
TAL	target analyte list
TCA	trichloroethane

TCE	trichloroethene
TNT	2,4,6-trinitrotoluene
TRPH	total <b>recoverable</b> petroleum hydrocarbons
UXO	unexploded ordnance
VCA	voluntary corrective action
VOC	volatile organic compound
WAC	waste acceptance criteria
WCSF	waste characterization strategy form
WWTP	wastewater treatment plant
XRF	x-ray fluorescence

**A-2.0 METRIC CONVERSION TABLE**

Multiply SI (Metric) Unit	by	To Obtain U.S. Customary Unit
kilometers (km)	0.622	miles (mi)
kilometers (km)	3281	feet (ft)
meters (m)	3.281	feet (ft)
meters (m)	39.37	inches (in.)
centimeters (cm)	0.03281	feet (ft)
centimeters (cm)	0.394	inches (in.)
millimeters (mm)	0.0394	inches (in.)
micrometers or microns (µm)	0.0000394	inches (in.)
square kilometers (km <sup>2</sup> )	0.3861	square miles (mi <sup>2</sup> )
hectares (ha)	2.5	acres
square meters (m <sup>2</sup> )	10.764	square feet (ft <sup>2</sup> )
cubic meters (m <sup>3</sup> )	35.31	cubic feet (ft <sup>3</sup> )
kilograms (kg)	2.2046	pounds (lb)
grams (g)	0.0353	ounces (oz)
grams per cubic centimeter (g/cm <sup>3</sup> )	62.422	pounds per cubic foot (lb/ft <sup>3</sup> )
milligrams per kilogram (mg/kg)	1	parts per million (ppm)
micrograms per gram (µg/g)	1	parts per million (ppm)
liters (L)	0.26	gallons (gal.)
milligrams per liter (mg/L)	1	parts per million (ppm)
degrees Celsius (°C)	9/5 + 32	degrees Fahrenheit (°F)

### A-3.0 DATA QUALIFIER DEFINITIONS

Data Qualifier	Definition
U	The analyte was analyzed for but not detected.
J	The analyte was positively identified, and the associated numerical value is estimated to be more uncertain than would normally be expected for that analysis.
J+	The analyte was positively identified, and the result is likely to be biased high.
J-	The analyte was positively identified, and the result is likely to be biased low.
UJ	The analyte was not positively identified in the sample, and the associated value is an estimate of the sample-specific detection or quantitation limit.
R	The data are rejected as a result of major problems with quality assurance/quality control (QA/QC) parameters.