

LIST OF ABBREVIATIONS AND ACRONYMS

Ag	silver
AEM	analytic element method
AES	atomic emission spectrometry
Al	aluminum
AL(OH) ₃	aluminum hydroxide
AMD	acid mine drainage
As	arsenic
ASTM	American Society for Testing and Materials
Ba	barium
BAFs	bioaccumulation factors
Be	beryllium
BLM	Bureau of Land Management
BMI	benthic macroinvertebrates
BOR	Bureau of Reclamation
Ca	calcium
CaCO ₃	calcium carbonate
CaMg(CO ₃) ₂	dolomite
CaSO ₄ •2H ₂ O	gypsum
Cd	cadmium
CDPHE	Colorado Department of Public Health and Environment
CFARM or CoF	City of Farmington
Cfs	cubic feet per second
Cr	chromium
Cu	copper
Co	cobalt
D	day
DF	Dupuit-Forcheimer
DRMS	Division of Reclamation, Mining, and Safety
EPA	U.S. Environmental Protection Agency
EPA R	U.S. Environmental Protection Agency Region
Fe ²⁺ .	ferrous iron
Fe ³⁺	ferric iron
Fe(OH) ₃	iron(III) hydroxide
FeO(OH),	goethite
Fh	ferrihydrite
ft	foot
gal	gallon
GIS	geographic information systems

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GKM	Gold King Mine
gpm	gallons per minute
GPS	global positioning unit
H ₂ O ₂	hydrogen peroxide
HCl	hydrochloric acid
HCO ₃	bicarbonate
HFO	hydrous ferric-oxide
HNO ₃	nitric acid
hr	hour
ICP	inductively coupled plasma
K	potassium
kg	kilogram
km	kilometer
km/h	kilometer/hour
L	liter
m	meter
mg	milligram
Mg	magnesium
mi	mile
min	minute
mL	milliliter
Mn	manganese
Mo	molybdenum
mph	mile per hour
m ³ /s	cubic meter per second
MS	mass spectrometry
MSI	Mountain Studies Institute
Na	sodium
NGO	non-governmental organization
NHD	National Hydrography Dataset
Ni	nickel
NMBGMR	New Mexico Bureau of Geology and Mineral Resources
NMED	New Mexico Environment Department
NNEPA	Navajo Nation Environmental Protection Agency
ntu	Nephelometric Turbidity Unit
ORD	Office of Research and Development
Pb	lead
QC	quality control
RCWWN	Rivers of Colorado Water Watch Network

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RK	river kilometer
s	second
Sb	antimony
SC	specific conductance
SO ₄	sulfate
STORET	STOrage and RETreival
SUIT	Southern Ute Indian Tribe
TAL	Metal/Cyanide Analyte List
TDS	total dissolved solids
UDEQ	Utah Department of Environmental Quality
µm	micrometer
UMUT	Ute Mountain Ute Tribe
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey (Department of Interior)
yd	yard
Zn	zinc