

Acronyms

ABA	acid base accounting
ACMER	Australian Center for Mining Environmental Research
ADTI	Acid Drainage Technology Initiative
AGP	acid-generating potential
Ag	Silver
Al	Aluminum
AIT	alkaline injection technology
ALD	anoxic limestone drains
ANC	acid neutralizing capacity
AMD	acid mine drainage
ANP	acid-neutralizing potential
ANSTO	Australian Nuclear Science and Technology Organization
AP	Acid (generating) potential
APS	alkalinity-producing system
ARAR	applicable or relevant and appropriate requirement
ARD	acid rock drainage
ASTM	American Society for Testing and Materials
Ar	Arsenic
AVS	acid volatile sulfide
BAT	best available technology
BC	British Columbia
BCR	biochemical reactor
BLM	Biotic ligand model
BLM	U.S. Bureau of Land Management
BOD	biological oxygen demand
Ca	Calcium
CCE	CCE
Cd	Cadmium
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
Co	Cobalt
CGM	Cyanobacteria-algae mat
CMC	Criterion Maximum Concentration
COC	contaminant of concern
CSM	conceptual site model
Cu	Copper
CWA	Clean Water Act
CN	cyanide
CTW	constructed treatment wetland
DCC	direct capitol costs
DO	dissolved oxygen
DOC	dissolved oxygen demand
DOE	U.S. Department of Energy
DQO	data quality objectives
EA	Environmental Assessment
EIS	Environmental Impact Study
EMP	environmental management plan
EMS	environmental management system
EPA	U.S. Environmental Protection Agency
ERA	environmental risk assessment
ETSC	U.S. EPA Engineering Technical Support Center
F	Fluoride

FBC	fluidized bed combustion
Fe	Iron
FLT	Fluid Leaching Test
FS	feasibility study
GCL	geosynthetic clay liner
GIS	geographic information system
gpm	gallons per minute
ha	hectare
HDPE	high density polyethylene
HDS	high density sludge
HHRA	human health risk assessment
IC	indirect costs
ICARD	International Conference on Acid Rock Drainage
INAP	International Network for Acid Prevention
ISO	International Standard Organization
ITRC	Interstate Technology & Regulatory Council
Lbs	pounds (US)
LBOS	limestone-buffered organic substrate
LOE	line of evidence
LOS	limestone/oscillatoria
M+2	divalent metals spacer
MCL	Maximum Contaminant Level
MEND	Mine Environmental Neutral Drainage
MIW	mine impacted water (mine influenced water)
Mg	Magnesium
m/m	management and maintenance
MMB	microbial mat bioreactor
MMole	milimole
Mn	Manganese
MP	management plan
NAG	net acid-generating
NAPP	net acid-producing potential
NDEP	Nevada Division of Environmental Protection
NF	nano-filtration
NGO	non-government organization
Ni	Nickel
NMA	National Mining Association
NMD	neutral mine drainage
NNP	net-neutralizing potential
NPDES	National Pollution Discharge Elimination System
NPL	National Priority List
NPV	net present value
NRC	National Research Council
O/M	operation/maintenance
ORP	oxygen producing material
OSC	on-site coordinator
OSM	U.S. Office of Surface Mining
OU	operable unit
PAG	potentially acid generating
Pb	lead
PE	polyethylene
PGOS	pea gravel/oscillatoria
PIRAMID	Passive In-Situ Remediation of Acidic Mine/ Industrial Drainage
POTW	publicly owned treatment works

PRB	permeable reactive barrier
PRP	potentially responsible party
PRZ	permeable reactive zone
PTS	passive treatment system
PVC	polyvinyl chloride
QA	quality assurance
QAPP	quality assurance project plan
QCV	quality control
RAMS	restoration of abandoned mine sites
RAPS	reducing alkalinity-producing system
RCRA	Resource Conservation and Recovery Act
Redox	reduction oxidation
RO	reverse osmosis
S	Sulfur
SAP	sample and analysis plan
SAPS	sequential alkalinity-producing wetlands
Sb	Antimony
Se	Selenium
SEM	scanning electron microscope
SOP	standard operating procedure
SPLP	Synthetic Precipitation Leaching Procedure
spp	plural of species
ssp	subspecies
SRB	sulfate reducing bacteria
SLS	sodium lauryl sulfate
SMCRA	Solid Mining Control and Reclamation Act
TCLP	Toxicity Characteristics Leaching Procedure
TF	trickling filter
TIC	total inorganic carbon
TDS	total dissolved solids
TMDL	total maximum daily limit
TSF	tailings storage facility
TOC	total organic carbon
U	Uranium
UIC	underground injection control
US	United States
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
VFA	volatile fatty acid
VMS	volcanic massive sulfide
WQ	water quality
Zn	Zinc
ZVI	zero valent iron