

List of Acronyms

°F	degrees Fahrenheit
µg/m ³	micrograms per cubic meter
AAQS	ambient air quality standards
ABA	Acid-base Accounting
ACEC	Area of Critical Environmental Concern
ACHP	Advisory Council on Historic Preservation
AGFD	Arizona Game and Fish Department
AGP	acid-generating potential
AIRFA	American Indian Religious Freedom Act
AMEC	AMEC Earth and Environmental, Inc.
AMS	American Meteorological Society
amsl	above mean sea level
ANP	Acid-neutralization potential
AO	Authorized Officer
APE	area of potential effect
APLIC	Avian Power Line Interaction Committee
ARPA	Archaeological Resources Protection Act
ATV	all-terrain vehicle
AUM	animal unit month
BAPC	Bureau of Air Pollution Control
BEA	Bureau of Economic Analysis
BLM	Bureau of Land Management
BMG	Battle Mountain Gold Company
BMP	best management practices
CAA	Clean Air Act
CaCO ₃	calcium carbonate
CCD	Census County Division
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	Cumulative Effects Study Area
CFR	Code of Federal Regulations
CO	carbon monoxide
CO ₂	carbon dioxide

CO ₂ e	carbon dioxide equivalent
COPEC	Chemicals of Potential Ecological Concern
CPeP (figures only)	corrugated polyethylene pipe
CWA	Clean Water Act of 1972
EA	Environmental Assessment
EIS	Environmental Impact Statement
EMA	Environmental Management Association, Inc.
EMS	Emergency Medical Service
EO	Executive Order
E-pond	evaporation pond
ESA	Endangered Species Act
ET	evapotranspiration
EW	electrowinning
FEMA	Federal Emergency Management Agency
FLPMA	Federal Land Policy and Management Act of 1976
FR	Federal Register
FY	Fiscal Year
GBC	Great Basin College
GBE	Great Basin Ecology, inc.
GHG	greenhouse gas
GMU	game management unit
gpd	gallons per day
gpm	gallons per minute
GWP	global warming potential
H:V	horizontal:vertical
HAP	hazardous air pollutant
HDPE	high-density polyethylene
HGH	Humboldt General Hospital
HLDE	Heap Leach Draindown Estimator
HLF	heap leach facility
HQ	hazard quotient
I-80	Interstate 80
IAP	Industrial Artificial Pond
IM	Instruction Memorandum

IPCC	Intergovernmental Panel on Climate Change
JBR	JBR Environmental Consultants, Inc.
km	kilometers
KOPs	key observation points
kt	thousand tons
kV	kilovolt
LCCD	Lander County Conservation District
LCRS	Leak Collection and Recovery System
LOS	level of service
LTFM	Long-term Funding Mechanism
MBTA	Migratory Bird Treaty Act
McClelland	McClelland Laboratories, Inc.
MCL	maximum contaminant level
mg/L	milligrams per liter
mgd	million gallons per day
mil	millimeter
MMPA	Mining and Mineral Policy Act of 1970
MOU	Memorandum of Understanding
MSHA	Mine Safety and Health Administration
MT	million tons
MW-hr	megawatts per hour
NAC	Nevada Administrative Code
NAGPRA	Native American Graves Protection and Repatriation Act
NDEP	Nevada Division of Environmental Protection
NDETR	Nevada Department of Employment, Training & Rehabilitation
NDOA	Nevada Department of Agriculture
NDOT	Nevada Department of Transportation
NDOW	Nevada Department of Wildlife
NDSP	Nevada Division of State Parks
NDWR	Nevada Department of Water Resources
NEPA	National Environmental Policy Act of 1969
Newmont	Newmont Mining Corporation
NHPA	National Historic Preservation Act
NMCP	Nevada Mercury Control Program
NNHP	Nevada Natural Heritage Program
NNP	Net Neutralization Potential

NO	nitric oxide
NO ₂	nitrogen dioxide
NOA	Notice of Authorization
NOI	Notice of Intent
NO _x	oxides of nitrogen
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRS	Nevada Revised Statutes
NTP	Notice to Proceed
NvMACT	Nevada Maximum Achievable Control Technology
O ₃	ozone
OSHA	Occupational Safety and Health Administration
OUA	optional use area
PA	Programmatic Agreement
Pb	lead
pCi/g	picoCuries per gram
PCMS	process component monitoring system
PCPI	per capita personal income
PFS	process fluid stabilization
pH	measure of acidity or alkalinity
PLS	pregnant leach solution or pure live seed
PM ₁₀	particulate matter less than 10 microns in diameter
PM _{2.5}	particulate matter less than 2.5 microns in diameter
POO	Plan of Operations
ppm	parts per million
PSD	prevention of significant deterioration
PV	pore volume
QA/QC	Quality Assurance/Quality Control
R	Range
RCE	Reclamation Cost Estimate
RCRA	Resource Conservation and Recovery Act
RDPC	Reclaimed Desired Plant Community
RFFAs	reasonably foreseeable future actions
RMC	Risk Management Criteria
RMP	Resource Management Plan
ROD	Record of Decision

ROM	Run-of-mine
ROW	Right-of-way
RV	recreational vehicle
SARA	Superfund Amendments and Reauthorization Act
SART	Sulfidization Acidification Reneutralization Technology
SDR (figures only)	Standard Dimension Ratio
SEI	Samuel Engineering, Inc.
SH	State Highway
SHPO	State Historic Preservation Officer
SLAMS	State and Local Air Monitoring Station
SLERA	Screening-level Ecological Risk Assessment
SO ₂	sulfur dioxide
SPCC Plan	Spill Prevention, Control, and Countermeasure Plan
SRK	SRK Consulting
SWC	Smith Williams Consultants
SWPPP	Storm Water Pollution Prevention Plan
SX	solvent extraction
SX-EW	solvent extraction-electrowinning
T	Township
TDS	total dissolved solids
TENORM	Technologically Enhanced, Naturally Occurring Radioactive Materials
TF	tailings facility
TOSCA	Toxic Substances Control Act
TPCP	Tentative Permanent Closure Plan
tpy	tons per year
TRB	Transportation Research Board
U.S.	United States
USACE	U.S. Army Corps of Engineers
USC	United States Code
USDA	U.S. Department of Agriculture
USDOT	U.S. Department of Transportation
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U. S. Geological Survey

VOC	volatile organic compound
VRM	Visual Resource Management
WPCP	Water Pollution Control Permit
WRCC	Western Regional Climate Center
WRF	waste rock facility
WRMP	Waste Rock Management Plan
WSA	Wilderness Study Areas