

Acronyms and Abbreviations

°C	degrees Celsius
°F	degrees Fahrenheit
µg/L	microgram per liter
µg/m ³	microgram per cubic meter
µm	micrometers
µS/cm	microSiemens per centimeter
AAQS	Ambient Air Quality Standards
ABA	acid-base accounting
ACHP	Advisory Council on Historic Preservation
AGFD	Arizona Game and Fish Department
AGP	acid generation potential
AIRFA	American Indian Religious Freedom Act
amsl	above mean sea level
ANP	acid neutralization potential
AO	Authorized Officer
APE	area of potential effect
APGI	Antler Peak Gold Inc
APLIC	Avian Power Line Interaction Committee
ARD	acid rock drainage
ARPA	Archaeological Resources Protection Act
As	Arsenic
ASTM	American Society for Testing and Materials
AUM	animal unit month
BCC	bird conservation concern
BEA	Bureau of Economic Analysis
BGMI	Barrick Goldstrike Mines Inc.
bgs	Below ground surface
BLM	Bureau of Land Management
BMP	Best Management Practice
BMRR	Bureau of Mining Regulation and Reclamation
BVMP	Boulder Valley Monitoring Plan
BWPC	Bureau of Water Pollution Control
Ca	Calcium
CAA	Clean Air Act

CaCO ₃	Calcium carbonate
CCD	counter current decantation
CDC	Center for Disease Control
CDP	Census Designated Place
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CESA	Cumulative Effects Study Area
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH ₃ Hg ⁺	methyl mercury
CH ₄	methane
CIA	Cumulative Impact Analysis
CIL	carbon-in-leach
cm	centimeter
CO	carbon monoxide
CO ₂	carbon dioxide
CRMP	Cultural Resources Management Plan
dBa	Decibel on the A-weighted scale
DO	Dissolved oxygen
DOI	Department of the Interior
EA	Environmental Assessment
EC	electrical conductivity
EIS	Environmental Impact Statement
EO	Executive Order
ESA	Endangered Species Act
ET	Evapotranspiration
FLPMA	Federal Land Policy and Management Act
FR	Federal Register
feet ² /day	Square feet per day
feet ³ /day	Cubic feet per day
FEMA	Federal Emergency Management Agency
FLAG	Federal Land Managers' Air Quality Related Values Work Group
FY	fiscal year
GBC	Great Basin College
GBG	Great Basin Gold Ltd
GHG	Greenhouse Gas
gpm	gallons per minute
GWP	Global Warming Potential

HAP	Hazardous Air Pollutant
HCM	Highway Capacity Manual
HCO ₃	hydrogen bicarbonate
HCT	Humidity Cell Test
HDPE	high-density polyethylene
Hg	Mercury
hp	Horsepower
HPS	Hatter production shaft, ramp, or raise
HPTP	Historic Properties Treatment Plan
HUD	Housing and Urban Development
I-80	Interstate 80
IAPP	Industrial Artificial Pond Permit
IM	Instructional Memorandum
IPCC	Intergovernmental Panel on Climate Change
JBR	JBR Environmental Consultants, Inc.
kg	kilogram
km	kilometer
KOP	Key Observation Point
kV	kilovolt
kW	kilowatt
LAC	Little Antelope Creek
L _{dn}	Day-night (average sound) level
L _{eq}	Equivalent sound level
LOS	level of service
m ²	square meter
m ² /L	square meters per liter
MBTA	Migratory Bird Treaty Act
Mg	Magnesium
mg/L	milligram per liter
mgd	million gallons per day
ml	milliliter
MOU	Memorandum of Understanding
MSA	Micropolitan Statistical Area
MSHA	Mine Safety and Health Administration
MWMP	Meteoric Water Mobility Procedure
NAAQS	National Ambient Air Quality Standards
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
NDOT	Nevada Department of Transportation
NDOW	Nevada Department of Wildlife
NDWR	Nevada Division of Water Resources
NEPA	National Environmental Policy Act
Newmont	Newmont Mining Corporation
NH ₃	ammonia
NHPA	National Historic Preservation Act of 1986
NNHP	Nevada Natural Heritage Program
NNP	net neutralizing potential
NNSG	Northeastern Nevada Stewardship Group
NO ₂	nitrogen dioxide
NOAA	National Oceanographic and Atmospheric Administration
NOI	Notice of Intent
NO _x	nitrogen oxides
NPA	National Programmatic Agreement
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRS	Nevada Revised Statute
NSHD	Nevada State Health Division
NWIS	National Water Information System
NWR	National Wildlife Refuge
O ₃	Ozone
PA	Programmatic Agreement
PAG	potentially acid generating
Pb	lead
PCPI	Per Capita Personal Income
PFYC	Potential Fossil Yield Classification
PGH	Preliminary General Habitat
PIF	Partners in Flight
PLS	Pure Live Seed
PM	particulate matter
PM ₁₀	particulate matter with an aerodynamic diameter of 10 microns or less
PM _{2.5}	particulate matter with an aerodynamic diameter of 2.5 microns or less
PMU	Population Management Unit

PoO	Plan of Operations
PPH	Preliminary Priority Habitat
project	Hollister Underground Mine Project
PVC	polyvinyl chloride
PWR	Public Water Reserve
P.Z.	Precipitation Zone
R	range
RCG	Rodeo Creek Gold Inc
RCRA	Resource Conservation and Recovery Act
RFFA	Reasonably Foreseeable Future Action
RGM	reactive gaseous mercury
RIB	Rapid Infiltration Basin
RMP	Resource Management Plan
RO	reverse osmosis
ROW	right-of-way
RUS	Rural Utilities Services
RV	Recreational Vehicle
SAG	semi-autogenous grinding
SARA	Superfund Amendments and Reauthorization Act
Se	selenium
SEDEX	sedimentary exhalative
SEIS	Supplemental Environmental Impact Statement
SH	State Highway
SHPO	State Historic Preservation Office
SO ₂	sulfur dioxide
SO ₄	sulfate
SOAP	South Operations Area Project
SOAPA	South Operations Area Project Amendment
SpC	Specific Conductance
SPCC	Spill Prevention, Control, and Countermeasures Plan
SR	State Route
SRSP	South Rapid Infiltration Basin Stockpile
SSURGO	Soil Survey Geographic Database
SWPPP	Storm Water Pollution Prevention Plan
T	township
t/Kt	tons per kiloton
TCP	traditional cultural property
TDS	total dissolved solids

tpd	tons per day
tph	tons per hour
tpy	tons per year
TRB	Transportation Research Board
TRI	toxic release inventory
U.S.	United States
USACE	United States Army Corps of Engineers
USC	United States Code
USDA	United States Department of Agriculture
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	U.S. Geological Survey
VOC	Volatile Organic Compound
vpd	vehicles per day
VRM	Visual Resource Management
WAD	weak acid dissociable
WMA	Wildlife Management Area
WNV	West Nile Virus
WPCP	Water Pollution Control Permit
WRSF	Waste Rock Storage Facility
WSA	Wilderness Study Area
yd ³	cubic yard