

AAS – atomic absorption spectrometry

ABA – acid-base accounting

ACI – American Concrete Institute

Amax – Amax Arizona Inc.

AMD – acid mine drainage

AML – abandoned mine land

AOC – Great Lakes Area of Concern

AP – acid-producing

APHA – American Public Health Association

Atlantic Richfield – Atlantic Richfield Company

BIA – Bureau of Indian Affairs

BIL – Bipartisan Infrastructure Law

BLM – Bureau of Land Management

Brewer – Brewer Gold Company

CDPHE – Colorado Department of Public Health and Environment

CEQ – Council on Environmental Quality

CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act

CFR – Code of Federal Regulations

COC – contaminants of concern

CWL – critical water level

DEQ – Department of Environmental Quality

DEUR – Declaration of Environmental Use Restriction

DNR – Department of Natural Resources

DOD – Department of Defense

DOT – Department of Transportation

ET – evapotranspiration

GARD – global acid rock drainage

GC – gas chromatography

GC-MS – gas chromatography-mass spectrometry

GSA – General Services Administration

GSHP – ground-source heat pump

HCT – humidity cell testing

HDS – high-density sludge

HHRA – Human Health Risk Assessment

HPLC – high-performance liquid chromatography

HSB – Horseshoe Bend

ICP – inductively coupled plasma

ICP-AES – inductively coupled plasma-atomic emission spectrometry

ICP-MS – inductively coupled plasma-mass spectrometry

ICP-OES – inductively coupled plasma-optical emission spectrometry

IEUBK – Integrated Exposure Uptake Biokinetic

ITRC – Interstate Technology & Regulatory Council

IWTP – interim water treatment plant

LCA – life-cycle analysis

µg/L – micrograms per liter

µm – micrometer

MCM – Madison County Mines

MI EGLE – Michigan Department of Environment, Great Lakes, and Energy

MIW – mining-influenced water

MS – mass spectrometry

MSHA – Mine Safety and Health Administration

MSW – municipal solid waste

NEPA – National Environmental Policy Act

NHPA – National Historic Preservation Act

NORM – naturally occurring radioactive material

NP – neutralization potential

NPL – National Priority List

NPS – National Park Service

OES – optical emission spectrometry

OSMRE – Office of Surface Mining Reclamation and Enforcement

OU – Operable Unit

PennDOT – Pennsylvania Department of Transportation

PRP – potentially responsible party

RCRA – Resource Conservation and Recovery Act

REE – rare earth element

ROD – Record of Decision

SCDHEC – South Carolina Department of Health and Environmental Control

SCM – supplementary cementitious materials

SEM – scanning electron microscopy

SHPO – State Historic Preservation Officer

SPLP – synthetic precipitation leachate procedure

SSRL – site-specific remediation levels

State Parks – California Department of Parks and Recreation

s.u. – standard unit

TCLP – toxicity characteristic leachate procedure

TENORM – technology-enhanced naturally occurring radioactive material

UCL – upper confidence limits

U.S. – United States

USACE – United States Army Corps of Engineers

USDA – United States Department of Agriculture

USDOE – United States Department of Energy

USDOI – United States Department of the Interior

USDOT – United States Department of Transportation

USEPA – United States Environmental Protection Agency

USGS – United States Geological Survey

wt. % – percentage by weight

XRD – X-ray diffraction

XRF – X-ray fluorescence