

## **ABBREVIATIONS**

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<b>ANC</b>	acidification neutralization capacity
<b>AQD</b>	Air Quality Division, Wyoming Department of Environmental Quality
<b>AQRV</b>	Air quality related values
<b>AUM</b>	animal unit month
<b>AVF</b>	alluvial valley floor
<b>BLM</b>	Bureau of Land Management, US Department of the Interior
<b>CBM</b>	coal bed methane
<b>CFR</b>	Code of Federal Regulations. Numbers refer to title and part; that is, 40 CFR 1500 refers to title 40, part 1500.
<b>CHIA</b>	"Cumulative Potential Hydrologic Impacts of Surface Coal Mining in the Eastern Powder River Structural Basin, Northeastern Wyoming"
<b>CO</b>	carbon monoxide
<b>COE</b>	US Army Corps of Engineers
<b>dBA</b>	A-weighted scale, decibels
<b>EA</b>	environmental assessment
<b>EIS</b>	environmental impact statement
<b>EPA</b>	US Environmental Protection Agency
<b>FCLAA</b>	Federal Coal Leasing Amendments Act of 1976
<b>FLPMA</b>	Federal Land Policy Management Act of 1976
<b>FS</b>	Forest Service, US Department of Agriculture
<b>FWS</b>	Fish and Wildlife Service, US Department of the Interior

## ABBREVIATIONS (continued)

<b>GAGMO</b>	Gillette Area Groundwater Monitoring Organization (coal operators)
<b>gpm</b>	gallons per minute (equivalent to 0.002 cfs, approximately)
<b>IBLA</b>	Interior Board of Land Appeals
<b>LBA</b>	lease by application
<b>LQD</b>	Land Quality Division, Wyoming Department of Environmental Quality
<b>MBHFI</b>	migratory birds of high federal interest
<b>mcf</b>	thousand cubic feet
<b>µeq/l</b>	microequivalents per liter
<b>mg/l</b>	milligrams per liter (1 mg = 1 ppm [part per million]; 1 liter = 0.264 gallons)
<b>µg/m<sup>3</sup></b>	micrograms per cubic meter (1 cubic meter = 1.308 cubic yards)
<b>MLA</b>	Mineral Leasing Act of 1920
<b>µmhos/cm</b>	micromhos per centimeter {thousandths of unit of specific conductance) (a measure of electrical conductivity)
<b>NAAQS</b>	National Ambient Air Quality standards
<b>NEPA</b>	National Environmental Policy Act of 1969
<b>NO<sub>x</sub></b>	nitrogen oxides
<b>NRCS</b>	Natural Resources Conservation Service, US Department of Agriculture
<b>NRHP</b>	National Register of Historic Places
<b>O<sub>3</sub></b>	Ozone
<b>OSM</b>	Office of Surface Mining, Reclamation and Enforcement

## ABBREVIATIONS (continued)

<b>PAP</b>	permit application packages
<b>pH</b>	acidity, measured in standard units
<b>PL</b>	public law
<b>PM<sub>10</sub></b>	particulate matter less than 10 micrometers (respirable)
<b>PRB</b>	Powder River Basin
<b>PRFCPR</b>	Powder River Federal Coal Production Region
<b>PSD</b>	prevention of significant deterioration
<b>RCT</b>	Regional coal team
<b>RMP</b>	resource management plan
<b>ROW</b>	right-of-way
<b>SHPO</b>	State Historic Preservation Officer
<b>SMCRA</b>	Surface Mining Control and Reclamation Act of 1977
<b>SO<sub>2</sub></b>	sulfur dioxide
<b>TDS</b>	total dissolved solids
<b>T&amp;E</b>	threatened and endangered
<b>TSP</b>	total suspended particulates
<b>USDA</b>	US Department of Agriculture
<b>USDI</b>	US Department of the Interior
<b>USGS</b>	Geological Survey, United States Department of the Interior
<b>UW</b>	University of Wyoming

## **ABBREVIATIONS (continued)**

<b>VRM</b>	visual resource management
<b>WDAI</b>	Wyoming Department of Administration and Information
<b>WDE</b>	Wyoming Department of Employment
<b>WDEQ</b>	Wyoming Department of Environmental Quality
<b>WDR</b>	Wyoming Department of Revenue
<b>WGFD</b>	Wyoming Game and Fish Department
<b>WOGCC</b>	Wyoming Oil and Gas Conservation Commission
<b>WQD</b>	Water Quality Division, Wyoming Department of Environmental Quality
<b>WS</b>	Wyoming Statute
<b>WSA</b>	Wilderness Study Area
<b>WSEO</b>	Wyoming State Engineer's Office
<b>WTA</b>	Wyoming Taxpayers Association