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Abbreviations and Acronyms Used in this Report

AAQS	Ambient Air Quality Standards
Ac	acre(s)
ACC	Antelope Coal Company
ac-ft	acre-foot, acre-feet
ac-ft/yr	acre-foot per year, acre-feet per year
AIRS	Aerometric Information and Retrieval System
ALC	Ark Land Company
AML	Abandoned Mine Land
ANC	acidification neutralization capacity
ANFO	ammonium nitrate fuel oil
AQD	Air Quality Division
AQRV	air quality related values
ARCO	Atlantic Richfield Company
AREV	SEO water rights database and program
ARS	Air Resource Specialists, Inc.
AVF	alluvial valley floor
BACT	best available control technology
bcy	bank cubic yards
BLM	Bureau of Land Management
BNSF	Burlington Northern Santa Fe
BN-UP, BN&UP	Burlington Northern-Union Pacific
B.P.	before present
Btu	British thermal units
Btu/lb	British thermal units per pound
CAA	Clean Air Act
CAAA	Clean Air Act Amendment
CBM	coal bed methane
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR	Code of Federal Regulations
cfs	cubic feet per second
CHIA	Cumulative Hydrologic Impact Assessment
CO	carbon monoxide
COE	U.S. Army Corps of Engineers
CREG	Consensus Revenue Estimating Group
CWA	Clean Water Act
cy	cubic yards
dBA	A-weighted decibels
DEIS	Draft Environmental Impact Statement
DM&E	Dakota, Minnesota & Eastern Railroad Corporation
DOI	Department of the Interior
dv	deciview, a measure of view impairment
EA	Environmental Assessment
EC	elemental carbon particles (re: air quality)
EIS	Environmental Impact Statement
ENCOAL	Encoal Corporation
EPA	Environmental Protection Agency
EQC	Environmental Quality Council
ESA	Endangered Species Act
F	Fahrenheit

Abbreviations and Acronyms Used in this Report

FCLAA	Federal Coal Leasing Act Amendments of 1976
FDM	Fugitive Dust Model
FEA	Final Environmental Assessment
FEIS	Final Environmental Impact Statement
FLM	Federal Land Management
FLPMA	Federal Land Policy Management Act of 1976
FR	Federal Register
ft	feet, foot
ft/day	feet per day
ft/mile	feet per mile
ft ³	cubic feet
FY	fiscal year
g	gram
GAGMO	Gillette Area Ground Water Monitoring Organization
GDP	Gross Domestic Product
gpm	gallons per minute
GSP	Gross State Product
HAP	Hazardous Air Pollutant
hp	horsepower
hr	hour
IBLA	Interior Board of Land Appeals
IMPROVE	Interagency Monitoring of Protected Environments
IWAQM	Interagency Workgroup on Air Quality Monitoring
JRCC	Jacobs Ranch Coal Company
km	kilometers
KMCC	Kerr-McGee Coal Corporation
Kv	kilovolts
LAC	limits of acceptable change (re: air quality)
LBA	lease by application
lbs/mmBtu	pounds per million British thermal units
LFC	Liquids From Coal
LOP	Life of Project
LRMP	Land and Resource Management Plan
LW	Lower Wyodak coal seam
MACT	Maximum Achievable Control Technology
MBHFI	migratory birds of high federal interest
µeq/L	microequivalents per liter
µg/m ³	micrograms per cubic meter
µmhos/cm	micromhos per centimeter
MCF	thousand cubic feet
MDEQ	Montana Department of Environmental Quality
MDEQ/AWM	Montana Department of Environmental Quality/Air and Waste Management Bureau
MEI	maximally exposed individual
mg/L	milligrams per liter
MLA	Mineral Leasing Act of 1920
MLE	most likely exposure
mm	million
mmbcy	million bank cubic yards
mmt	million tons

Abbreviations and Acronyms Used in this Report

mmtpy	million tons per year
mph	miles per hour
MSA	Metropolitan Statistical Area
MW	Middle Wyodak coal seam
Mw	megawatts
NAAQS	National Ambient Air Quality Standards
NADP	National Atmospheric Deposition Program
NAPG	North American Power Group
NEPA	National Environmental Policy Act of 1969
NIOSH	National Institute of Occupational Safety and Health
NO	nitrogen oxide
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NPS	National Park Service
NRCS	National Resource Conservation Service
NRHP	National Register of Historic Places
NSPS	National Source Performance Standards
NWI	National Wetlands Inventory
O ₃	photochemical oxidants
OC	organic carbon particles
OSHA	Occupational Safety and Health Administration
OSM	Office of Surface Mining Reclamation & Enforcement
PECs	passive enclosure control systems
P.M.	Prime Meridian
PM _{2.5}	particulates finer than 2.5 microns in effective diameter
PM ₁₀	particulates finer than 10 microns in effective diameter
PMT	postmining topography
PP&L	Pacific Power and Light Company
ppm	parts per million
PRB	Powder River Basin
PRBRC	Powder River Basin Resource Council
PRCC	Powder River Coal Company
PRRCT	Powder River Regional Coal Team
PSD	Prevention of Significant Deterioration
R2P2	Resource Recovery and Protection Plan
RH	relative humidity
RMP	Resource Management Plan
ROD	Record of Decision
ROW	Right-of-Way
SARA	Superfund Amendment & Reauthorization Act of 1986
scf/ton	standard cubic feet per ton
SEO	State Engineer's Office
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SLAMS	State and Local Air Monitoring Stations
SMCRA	Surface Mining Control and Reclamation Act of 1977
SO ₂	sulfur dioxide
SPRB	South Powder River Basin
T&E	threatened and endangered
TBCC	Thunder Basin Coal Company, LLC

Abbreviations and Acronyms Used in this Report

TBNG	Thunder Basin National Grassland
TCC	Triton Coal Company, LLC
TDS	total dissolved solids
TPY	tons per year
TSP	total suspended particulates
TWC	Thunderbird Wildlife Consulting, Inc.
U.S.	United States
USC, U.S.C.	United States Code
USDA	U.S. Department of Agriculture
USDA-FS	U.S. Department of Agriculture - Forest Service
USDI	U.S. Department of the Interior
USGS	U.S. Geological Survey
USFWS	U.S. Fish and Wildlife Service
UW	Upper Wyodak coal seam
VMT	vehicle miles traveled
VOCs	volatile organic compounds
VRM	visual resource management
WAAQS	Wyoming Ambient Air Quality Standards
WAQSR	Wyoming Air Quality Standards and Regulations
WARMS	Wyoming Air Resources Monitoring System
WCIC	Wyoming Coal Information Committee
WDEQ	Wyoming Department of Environmental Quality
WDEQ/AQD	Wyoming Department of Environmental Quality/Air Quality Division
WDEQ/LQD	Wyoming Department of Environmental Quality/Land Quality Division
WGFD	Wyoming Game and Fish Department
WMA	Wyoming Mining Association
WOC	Wyoming Outdoor Council
WOGCC	Wyoming Oil and Gas Conservation Commission
WRI	Water Resources Research Institute
WSBLC	Wyoming State Board of Land Commissioners
WSGS	Wyoming State Geological Survey
WSO-RMG	Wyoming State Office Reservoir Management Group