
Abbreviations and Acronyms Used in this Report

ACC	Antelope Coal Company
ANC	acidification neutralization capacity
ac-ft	acre-foot, acre-feet
ac-ft/yr	acre-foot per year, acre-feet per year
AQRV	air quality related values
ARCO	Atlantic Richfield Company
AREV	SEO water rights database and program
AVF	alluvial valley floor
BACT	best available control technology
bcy	bank cubic yards
BLM	Bureau of Land Management
BN-UP, BN&UP	Burlington Northern-Union Pacific
B.P.	before present
Btu	British thermal units
Btu/lb	British thermal units per pound
CBM	coal bed methane
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR	Code of Federal Regulations
CHIA	Cumulative Hydrologic Impact Assessment
CO	carbon monoxide
COE	U.S. Army Corps of Engineers
CREG	Consensus Revenue Estimating Group
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
F	Fahrenheit
FCLAA	Federal Coal Leasing Act Amendments of 1976
FEA	Final Environmental Assessment
FEIS	Final Environmental Impact Statement
FLPMA	Federal Land Policy Management Act of 1976
FR	Federal Register
ft	feet, foot
ft/day	feet per day
ft/mile	feet per mile
GAGMO	Gillette Area Ground Water Monitoring Organization
GNP	Gross National Product
gpm	gallons per minute
GSP	Gross State Product
IBLA	Interior Board of Land Appeals
IMPROVE	Interagency Monitoring of Protected Environments
IWAQM	Interagency Workgroup on Air Quality Monitoring

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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
LRMP	Land and Resource Management Plan
LW	Lower Wyodak coal seam
MBHFI	migratory birds of high federal interest
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
$\mu\text{eq}/\text{L}$	microequivalents per liter
mg/L	milligrams per liter
mi	mile
MLA	Mineral Leasing Act of 1920
mmbcy	million bank cubic yards
mmtpy	million tons per year
mph	miles per hour
MW	Middle Wyodak coal seam
Mw	megawatts
NAAQS	National Ambient Air Quality Standards
NAPG	North American Power Group
NEPA	National Environmental Policy Act of 1969
NO_2	nitrogen dioxide
NO_x	nitrogen oxides
NRHP	National Register of Historic Places
O_3	photochemical oxidants
OC	organic carbon particles
OSM	Office of Surface Mining Reclamation & Enforcement
P.M.	Prime Meridian
PM_{10}	particulates finer than 10 microns
PMT	postmining topography
PP&L	Pacific Power and Light Company
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
RMP	Resource Management Plan
ROD	Record of Decision
ROW	Right-of-Way
SARA	Superfund Amendment & Reauthorization Act of 1986
SEO	State Engineer's Office
SHPO	State Historic Preservation Office
SMCRA	Surface Mining Control and Reclamation Act of 1977
SO_2	sulfur dioxide
T&E	threatened and endangered
TBCC	Thunder Basin Coal Company

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TBNG	Thunder Basin National Grassland
TDS	total dissolved solids
TSP	total suspended particulates
U.S.	United States
USC, U.S.C.	United States Code
USDI	U.S. Department of the Interior
USFS	U.S. Forest Service
USGS	U.S. Geological Survey
USFWS	U.S. Fish and Wildlife Service
UW	Upper Wyodak coal seam
VRM	visual resource management
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
WSGS	Wyoming State Geological Survey