

ABBREVIATIONS AND ACRONYMS

AIRFA	American Indian Religion Freedom Act	PSD	prevention of significant deterioration
AOC	approximate original contour	RCT	Regional Coal Team
AQD	Air Quality Division, Wyoming DEQ	RMP	Resource Management Plan
ARPA	Archeological Resources Protection Act	ROD	record of decision
AUM	animal unit month	ROW	right of way
AVF	alluvial valley floor	SAR	sodium adsorption ratio
BBC	Browne, Bortz & Coddington, Inc.	SCS	Soil Conservation Service, U.S. Department of Agriculture
bcy	bank cubic yard	SHPO	State Historic Preservation Office
BLM	Bureau of Land Management, U.S. Department of the Interior	SIP	State Implementation Plan
BNR	Burlington Northern Railroad	SMCRA	Surface Mining Control and Reclamation Act of 1977
Btu	British thermal unit	T or E	threatened or endangered
CEQ	Council on Environmental Quality	TDS	total dissolved solids
CFR	Code of Federal Regulations. Numbers refer to title and part; that is, 43 CFR 4100 refers to title 43, part 4100.	tpy	tons per year
cfs	cubic feet per second per square mile	TSP	total suspended particulates
CHIA	cumulative hydrologic impact assessment	TSS	total suspended solids
CNR	Chicago and Northwestern Railroad	$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
db	Decibel(s)	USDA	United States Department of Agriculture
dBA	"A" weighted decibel(s)	VRM	visual resource management
DEQ	Wyoming Department of Environmental Quality	WNDDDB	Wyoming Natural Diversity Database
DI	U.S. Department of the Interior	WRB	West Rocky Butte
DO	District Office, Bureau of Land Management		
DPASS	Division of Public Assistance and Social Services		
EA	environmental assessment		
EIS	environmental impact statement		
EPA	U.S. Environmental Protection Agency		
EPRB	Eastern Powder River Basin		
FCLAA	Federal Coal Leasing Amendments Act of 1976		
FLPMA	Federal Land Policy and Management Act of 1976		
FMV	fair market value		
FR	Federal Register		
FS	Forest Service, U.S. Department of Agriculture		
FWS	U.S. Fish and Wildlife Service, Department of the Interior		
GAGMO	Gillette Area Groundwater Monitoring Organization		
gpm	gallons per minute		
GS	Geological Survey, U.S. Department of the Interior		
KGS	known geologic structures		
LBA	Lease-by-Application		
LOS	level of service		
LMU	logical mining unit		
Mariah	Mariah Associates, Inc.		
MBHFI	migratory birds of high federal interest		
mgd	million gallons per day		
mg/L	milligrams per liter		
MLA	Mineral Leasing Act		
MPH	miles per hour		
NAAQS	National ambient air quality standards		
NAGRA	Native American Graves and Repatriation Act		
NEPA	National Environmental Policy Act of 1969		
NHPA	National Historic Preservation Act		
NRHP	National Register of Historic Places		
NWR	Northwestern Resources Co.		
OSM	Office of Surface Mining Reclamation and Enforcement, U.S. Department of the Interior		
PAP	permit application package submitted to obtain a permit to mine		
PET	potential evapotranspiration		
PMT	postmining topography		
ppm	parts per million		