

List of Acronyms and Abbreviations

AGA	American Gas Association
ARCHIE	Automated Resource for Chemical Hazard Incident Evaluation
bcf	billion cubic feet
Btu	British Thermal Unit, (used in heat measurement)
CMM	Coal mine methane
CFR	Code of Federal Regulations
CO	carbon monoxide
CO ₂	carbon dioxide
dB	decibel (sound level unit of measurement)
dBA	A-weighted decibel scale
DNL	Day-night equivalent noise level
DOE	U.S. Department of Energy
DOI	Department of the Interior
EA	Environmental Assessment
EACC	Eastern Associated Coal Corporation
EO	Executive Order
EPA	U.S. Environmental Protection Agency
GHG	greenhouse gases
HAP	Hazardous Air Pollutant
hp	horsepower
Hz	hertz (sound frequency unit of measurement)
L _{dn}	day-night equivalent noise level - sometimes also listed as DNL
L _{eq}	equivalent continuous sound level
lbs/mmscf	pounds per million standard cubic feet
LEL	Lower Explosive Limit
m	meters
m ³	cubic meters
MACT	Maximum Achievable Control Technology
MMBTU	million BTUs
MMCF	million cubic feet
MMTCE	million metric tons of carbon equivalents
MSDS	Material Safety Data Sheet
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NETL	National Energy Technology Laboratory
NHPA	National Historic Preservation Act of 1966
NO ₂	nitrogen dioxide
NPS	National Park Service

NWI	National Wetlands Inventory
O ₃	ozone
OAQ	WVDEP Office of Air Quality
ONG	Oil and Natural Gas Industry
OSHA	Occupational Safety and Health Administration
Pb	lead
PM _{2.5}	Particulate matter of less than 2.5 micron size
PM ₁₀	Particulate matter of less than 10 micron size
PSD	Prevention of Significant Deterioration
RD&D	Research, Development and Demonstration
rpm	revolutions per minute
scfm	standard cubic feet per minute
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SO ₂	sulfur dioxide
TWA	Time-weighted average
UEL	Upper Explosive Limit
USC	United States Code
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VFD	Volunteer Fire Department
VOC(s)	Volatile organic compound(s)
WVDEP	West Virginia Department of Environmental Protection
°F	temperature in degrees Fahrenheit
µg	micrograms (1 x 10 ⁻⁶ grams)
µPa	micropascal (unit of pressure used for reference in sound measurement)

This Page Intentionally Left Blank