

## Abbreviation and Acronym List

°F	degrees Fahrenheit
ΔT	differential temperature
μCi/kg	microCuries per kilogram
μCi/L	microCuries per liter
μg/m <sup>3</sup>	micrograms per cubic meter
μmhos/cm	micromhos per centimeter
μR/hr	microRoentgens per hour
ACL	Alternate Concentration Limit
AD	anno domini
AML	appropriate management level
AQD	Air Quality Division
ATV	all-terrain vehicle
AUM	Animal Unit Month
Basin	Great Divide Basin
BCC	Birds of Conservation Concern
BLM	Bureau of Land Management
BMP	best management practice
BP	before present
CA	Centennial Archaeology
CaCO <sub>3</sub>	calcium carbonate
CCS	Center for Climate Strategies
CESQG	Conditionally Exempt Small Quantity Generator
cfs	cubic feet per second
CFR	Code of Federal Regulations
cmbd	centimeters below datum
cmbs	centimeters below surface
cm/sec	centimeters per second
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CRUP	Cultural Resource Use Permit
Cs-137	cesium-137
CSU	Colorado State University
CV	curriculum vitae
dB	decibel
dBA	A-weighted decibel
DDCT	Density and Disturbance Calculation Tool
DOT	Department of Transportation
EAC	Early Action Compact
EAD	Wyoming Department of Administration and Information's Economic Analysis Division
EIS	Environmental Impact Statement
ELI	Energy Laboratories Incorporated
EPA	Environmental Protection Agency

## ABBREVIATIONS AND ACRONYMS

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ERMA	Extensive Resource Management Area
ESD	Emergency Shut Down
eU3O8	equivalent uranium oxide
Fault	Lost Creek Fault
lbs	feet below the surface
FLPMA	Federal Land Policy and Management Act
ft	feet
ft <sup>2</sup> /d	square feet per day
ft amsl	feet above mean sea level
ft bgs	feet below ground surface
ft/d	feet per day
ft/ft	feet per foot
ft/mi	feet per mile
ft/s	feet per second
FWS	Fish and Wildlife Service
FS	field specimen
g	gravity
GCRP	Global Change Research Program
GDP	gross domestic product
GEIS	Generic Environmental Impact Statement
GHG(s)	greenhouse gas(es)
GIS	Geographic Information System
g/L	grams per liter
g/m <sup>2</sup>	grams per square meter
gpd/ft	gallons per day per foot
gpm	gallons per minute
GPS	Global Positioning System
HAPs	Hazardous Air Pollutants
HDPE	high-density polyethylene
HiVol	High Volume
HMA	Herd Management Area
HPGe	High-Purity Germanium
HPIC	High-Pressure Ionization Chamber
HPRCC	High Plains Regional Climate Center
HPT	Health Physics Technician
IBC	International Building Code
IM	Instructional Memoranda
IR	isolated resource
ISR	In Situ Recovery
JCR	Job Completion Report
lb/year	pounds per year
lb/VMT	pounds per vehicle mile traveled
LC	Lost Creek
LCI	Lost Creek ISR, LLC
LQD	Land Quality Division

LS	Lost Soldier
m <sup>2</sup>	square meters
MBHFI	Migratory Birds of High Federal Interest
MCL	Maximum Contaminant Level
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
mg/m <sup>3</sup>	milligrams per cubic meter
MiniVol	Mini Volumetric
MIT	Mechanical Integrity Test
M	monitor ring well
MO	overlying aquifer monitor well
MOU	Memorandum of Understanding
MP	production zone monitor well
mph	miles per hour
mrem	millirem
MTL	Maximum Threshold Limit
MU	underlying aquifer monitor well
MU1	Mine Unit 1
NAAQS	National Ambient Air Quality Standards
NaI	sodium iodide
NCRP	National Council for Radiation Protection
NEC	National Electrical Code
NEPA	National Environmental Policy Act
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NFU	New Frontiers Uranium Wyoming, LLC
NH <sub>3</sub>	ammonia
NHD	National Hydrography Dataset
NIST	National Institute of Standards and Technology
NMFS	National Marine and Fisheries Service
NO <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	nitrogen oxides
NRC	Nuclear Regulatory Commission
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NSS	Native Species Status
NWI	National Wetlands Inventory
NWS	National Weather Service
O <sub>3</sub>	ozone
OHV	off-highway vehicle
OSHA	Occupational Health and Safety Administration
OW	observation well
Pb-210	lead-210
PC	personal computer
pCi/g	picoCuries per gram
pCi/L	picoCuries per liter

## ABBREVIATIONS AND ACRONYMS

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Permit Area	Lost Creek Permit Area
PFN	Prompt Fission Neutron
PFYC	Potential Fossil Yield Classification
PIAA	Project Impact Analysis Area
PIF	Partners in Flight
Plant	Lost Creek Plant
PLC	Programmable Logic Controller
PM2.5	particulate matter less than 2.5 micrometers in diameter
PM10	particulate matter less than ten micrometers in diameter
Po-210	polonium-210
ppb	parts per billion
PPE	personal protective equipment
ppm	parts per million
Project	Lost Creek In Situ Uranium Project
PSD	Prevention of Significant Deterioration
psi	pounds per square inch
psig	per square inch gauge
PV	pore volume
PVC	polyvinyl chloride
PWMTF	Permanent Wyoming Mineral Trust Fund
QA	quality assurance
QC	quality control
Ra-226	radium-226
Ra-228	radium-228
RAWS	Remote Automated Weather Station
RMP	Resource Management Plan
RMPPA	Resource Management Plan Planning Area
Rn-222	radon-222
RO	reverse osmosis
RSO	Radiation Safety Officer
RSF	Resource Selection Function
RV	recreational vehicle
RWP	Radiation Work Permit
SAR	sodium adsorption ratio
SCS	Soil Conservation Service
SDR	standard dimension ratio
SDWS	Secondary Drinking Water Standard
SEAOC	Structural Engineers Association of California
SEIS	Supplemental Environmental Impact Statement
SEM	scanning electron microprobe
SGIT	Sage Grouse Implementation Team
SHPO	State Historic Preservation Office
SMRA	Special Recreation Management Area
SMU	soil mapping unit
SO2	sulfur dioxide

SOP	Standard Operating Procedure
SPCC	Spill Prevention, Control, and Countermeasure
SPL	sound pressured level
SSS	Special Status Species
SU	standard unit
SUV	sport utility vehicle
SWPPP	Storm Water Pollution Prevention Plan
T&E	threatened and endangered
TDS	total dissolved solids
TEDE	total effective dose equivalent
TFN	Temporary Filing Number
Th-230	thorium-230
THPO	Tribal Historic Preservation Officer
TW	trend well
UBC	Uniform Building Code
UCL	Upper Control Limit
UIC	Underground Injection Control
U-nat	natural uranium
U3O8	yellowcake or uranium oxide
[UO <sub>2</sub> (CO <sub>3</sub> ) <sub>2</sub> ]-2	uranyl dicarbonate ion
[UO <sub>2</sub> (CO <sub>3</sub> ) <sub>3</sub> ]-4	uranyl tricarbonate ion
Ur-E	Ur-Energy USA Inc.
URPA	Ur-Energy Passive Air
US	United States
USACE	United States Army Corps of Engineers
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UWAR	University of Wyoming Archaeological Repository
VOC	volatile organic compound
WAAQS	Wyoming Ambient Air Quality Standard
WDAI	Wyoming Department of Administration and Information
WDEQ	Wyoming Department of Environmental Quality
WGFD	Wyoming Game and Fish Department
WHMA	Wildlife Habitat Management Area
WOS	Wildlife Observation System
WQD	Water Quality Division
WRCC	Western Regional Climate Center
WSA	Wilderness Study Area
WSEO	Wyoming State Engineer's Office
WSBLC	Wyoming State Board of Land Commissioners
WW	World War
WYCRO	Wyoming State Historic Preservation Office Cultural Records Office
WYDOT	Wyoming Department of Transportation

## *ABBREVIATIONS AND ACRONYMS*

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WYPDES	Wyoming Pollutant Discharge Elimination System
XRF	x-ray fluorescence
yd <sup>3</sup>	cubic yards