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- MV-1: Construction Access Levels
- MV-2: Geologic Hazards
- MV-3: Soils
- MV-4: Minerals
- MV-5: Paleontological Resources
- MV-6: Water Resources
- MV-7: Vegetation
- MV-8: Columbia Spotted Frog and Washington Ground Squirrel
- MV-9: Greater Sage-Grouse
- MV-10: Bighorn Sheep, Pronghorn, Mule Deer, and Elk Habitats
- MV-11: Fish Habitats
- MV-12: Land Ownership, Utility Corridors, and Right-of-Way Avoidance and Exclusion Areas
- MV-13: Existing Land Use and Transportation
- MV-14: Zoning
- MV-15: Specially Designated Areas
- MV-16: Existing Agriculture
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- MV-18: Livestock Grazing
- MV-19: Recreation
- MV-20: Lands with Wilderness Characteristics
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- MV-22: Visual Resources: Scenery
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- MV-24: Visual Resources: Federal Agency Visual Management Objectives
- MV-25: Lewis and Clark and Oregon National Historic Trails
- MV-26: Study Trails
- MV-27: Cumulative Projects



## Acronyms and Abbreviations

### A

AADT	Average annual daily traffic
AC	Alternating current
ACEC	Area of critical environmental concern
ACSR	Aluminum conductor steel-reinforced
ACSR/TW	Aluminum conductor steel reinforces/trapezoidal aluminum wires
ACHP	Advisory Council on Historic Preservation
A.D.	Anno Domini
AGL	Above ground level
AHPA	Archaeological and Historic Preservation Act
AIRFA	American Indian Religious Freedom Act of 1978
ANSI	American National Standards Institute
APAI	Area of potential adverse impact
APE	Area of potential effect
APLIC	Avian Power Line Interaction Committee
Applicant	Idaho Power Company
ARMPA	Approved resource management plan amendment
ARPA	Archaeological Resources Protection Act of 1979
ASC	Application for Site Certificate
AUM	Animal unit month

### B

B2H Project	Boardman to Hemingway Transmission Line Project
BCC	Birds of conservation concern
BCR	Bird conservation regions
BER	Baseline environmental report
BGEPA	Bald and Golden Eagle Protection Act
BLM	Bureau of Land Management, U.S Department of the Interior
BMP	Best management practice
B.P.	Before present
BPA	Bonneville Power Administration, U. S. Department of Energy
BRTG	Biological Resources Task Group

### C

ca.	Circa
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CadnaA	Computer Aided Noise Abatement
CAFE	Corona and field effects

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CAFO	Confined animal feeding operations
CCRH	Center for Columbia River History
CCS	Cryptocrystalline silica
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CH <sub>4</sub>	Methane
CIAA	Cumulative impact analysis area
CIC	Compliance inspection contractor
cmil	Circular mil
CMUP	Comprehensive Management and Use Plan
CO	Carbon monoxide
CO <sub>2</sub>	Carbon dioxide
CO <sub>2</sub> e	Carbon dioxide equivalent
COA	Conservation Opportunity Area
COT	Conservation Objectives Team
CPCN	Certificate of Public Convenience and Necessity
CPUC	California Public Utilities Commission
CREP	Conservation Reserve Enhancement Program
CRP	Conservation Reserve Program
CTUIR	Confederate Tribes of the Umatilla Indian Reservation
CWA	Clean Water Act
CWCS	Comprehensive Wildlife Conservation Strategies

## **D**

dB	Decibel
dBA	A-weighted decibel
dbh	Diameter at breast height
DecAID	Decayed wood advisory model
DEM	Digital elevation model
DLG	Digital line graph
DNR	Department of Natural Resources
DoD	U.S. Department of Defense
DOE	U.S. Department of Energy
DOGAMI	Department of Geology and Mineral Industries (Oregon)
DPS	Distinct population segment
DSL	Oregon Department of State Lands
DV	Distance Zone (part of a mathematical formula for visual site sensitivity, recommend to add for clarity)
DWSA	Drinking water source area

**E**

Eagle Act	Bald and Golden Eagle Act
EDRR	Early detection and rapid response
EDMS	Emissions and Dispersion Modeling System
EFH	Essential fish habitat
EFSC	Energy Facility Siting Council
EFU	Exclusive farm use
EHS	Extra-high strength
EIS	Environmental Impact Statement
EMF	Electromagnetic fields
EMFAC	Emission factors
EMP	Environmental management plan
EPA	Environmental Protection Agency
EPG	Environmental Planning Group, LLC
EPM	Environmental protection measure
ERMA	Extensive Recreation Management Area
ERU	Exclusive Range Use
ESA	Endangered Species Act of 1973
ESCP	Erosion and Sediment Control Plan
ESRI	Environmental Systems Research Institute
ESU	Evolutionarily significant unit
EUD	Ecological unit description

**F**

FAA	Federal Aviation Administration
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FHWA	Federal Highway Administration
FLPMA	Federal Land Policy and Management Act of 1976
FMP	Fire Management Plan
FRA	Federal Railroad Administration
FSH	Forest Service Handbook
FSM	Forest Service Manual

**G**

GeoBOB	Geographic Biotics Observation System
GHG	Greenhouse gas
GHMA	General habitat management area
GIS	Geographic information system
GLO	General Land Office
GMU	Game management unit

**H**

HPMP	Historic Properties Management Plan
HQT	Habitat Quantification Tool (Sage-Grouse)
HRV	Historic Range of Variability
HUC	Hydrologic unit code

**I**

I-84	Interstate 84
I-80N	Northern fork of Interstate 80
ICTRT	Interior Columbia Technical Recovery Team
IDAPA	Idaho Administrative Procedures Act
IDEQ	Idaho Department of Environmental Quality
IDFG	Idaho Department of Fish and Game
IDL	Idaho Department of Lands
IDPW	Idaho Parks and Recreation
IDWR	Idaho Department of Water Resources
IEEE	Institute of Electrical and Electronics Engineers
IFWIS	Idaho Fish and Wildlife Information System
IHMA	Important habitat management area
ILS	Intensive-level survey
ILAP	Integrated Landscape Assessment Project
IMPLAN	Impact Analysis for Planning
INFISH	Inland Native Fish Strategy
INRMP	Integrated Natural Resources Management Plan
ION Highway	Idaho-Oregon-Nevada Highway (U.S. Highway 95)
IOP	Interagency Operating Procedures
IOU	Investor Owner Utility
IPaC	Information for Planning and Conservation
IPC	Idaho Power Company
IPCC	Intergovernmental Panel on Climate Change
IRP	Integrated resource plan
ISDA	Idaho State Department of Agriculture
ISHS	Idaho State Historical Society
ISO	Organization for International Standardization
ISTEA	Intermodal Surface Transportation Efficiency Act of 1991
ITD	Idaho Transportation Department

**K**

kcmil	Thousand circular mil
KOP	Key observation point
kV	Kilovolt
kW	Water erosion potential

**L**

LRMP	Land and resource management plan
LCDC	Land Conservation and Development Commission
LDT	Light-duty truck
L <sub>dn</sub>	Day–night sound level
L <sub>eq</sub>	Equivalent sound level
LHTAC	Local Highway Technical Assistance Council
L <sub>max</sub>	Maximum instantaneous sound level
LOS	Late and old structure
LRMP	Land and resource management plan
LUP	Land-use plan

**M**

MA	Management Area (U.S. Forest Service)
MBTA	Migratory Bird Treaty Act
MCR	Middle Columbia River
MFP	Management Framework Plan
mi/mi <sup>2</sup>	Miles per square mile
MIS	Management indicator species
MLRA	Major land resource area
MOA	Military operation area
MMD	Mineral materials disposal
MOU	Memorandum of Understanding
MP	Milepost
mph	Miles per hour
MRI	Midwest Research Institute
MSA	Magnuson-Stevens Fishery Conservation and Management Act
MTR	Military training route
MW	Megawatt
MV	Map volume

**N**

N <sub>2</sub> O	Nitrous oxide
National System	National Wild and Scenic Rivers System
NAAQS	National Ambient Air Quality Standards
NAGPRA	Native American Graves Protection and Repatriation Act
NAICS	North American Industry Classification System
NAS	National Academy of Sciences
Navy	U.S. Department of the Navy
n.d.	No date
NEPA	National Environmental Policy Act of 1969
NERC	North American Electric Reliability Corporation

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NESC	National Electric Safety Council
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFIP	National Flood Insurance Program
NFMA	National Forest Management Act of 1976
NFS	National Forest System
NHD	National Hydrography Dataset
NHOTIC	National Historic Oregon Trail Interpretive Center
NHPA	National Historic Preservation Act of 1966
NHT	National historic trail
NISIMS	National Invasive Species Information Management System
NLCS	National Landscape Conservation System
NMFS	National Marine Fisheries Service
NO <sub>2</sub>	Nitrogen dioxide
NO <sub>x</sub>	Nitrogen oxides
NOAA	National Oceanic and Atmospheric Administration
NPCC	Northwest Power and Conservation Council
NPDES	National Pollutant Discharge Elimination System
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NRI	Natural Resources Inventory
NRIS	National Resource Information System
NRT	National Recreation Trail
NSPS	New Source Performance Standards
NSR	New Source Review
NTSA	National Trails System Act
NVCS	National Vegetation Classification System
NWGAP	Northwest Regional Gap Analysis Program
NWI	National Wetlands Inventory
NWR	National Wildlife Refuge
NWSTF	Naval Weapons Systems Training Facility

## O

O <sub>3</sub>	Ozone
OAR	Oregon Administrative Rule
OCTA	Oregon-California Trails Association
ODA	Oregon Department of Agriculture
ODEQ	Oregon Department of Environmental Quality
ODF	Oregon Department of Forestry
ODFW	Oregon Department of Fish and Wildlife
ODOE	Oregon Department of Energy
ODOT	Oregon Department of Transportation

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ODSL	Oregon Department of State Lands
OFMS	Old forest multi-stratum
OFP	Oregon Flora Project
OFSS	Old forest single stratum
OHTAC	Oregon Historic Trails Advisory Council
OHV	Off-highway vehicle
OHW	Ordinary high water mark
OLDCD	Oregon Department of Land Conservation and Development
Omnibus Act of 2009 or Act	Omnibus Public Land Management Act of 2009
ONDA	Oregon Natural Desert Association
OPGW	Optical ground wire (or an optical fiber composite overhead power wire)
OPRD	Oregon Parks and Recreation Department
OPS	Office of Pipeline Safety (U.S. Department of Transportation)
OPUC	Oregon Public Utility Commission
OR&N	Oregon Railway & Navigation Company
ORBIC	Oregon Biodiversity Information Center
ORNHIC	Oregon Natural Heritage Information Center
ORR&N	Oregon Railroad & Navigation Company
ORNG	Oregon National Guard
ORS	Oregon Revised Statute
ORV	Outstanding recreation value
ORWAP	Oregon Wetland Rapid Assessment Protocol
OSL	Oregon Short Line
OSN	Oregon Steam Navigation
OWC	Oregon Wetland Cover
OWRD	Oregon Water Resources Department

## **P**

PAC	Priority area of conservation
PACFISH	Pacific Anadromous Fish Strategy
PAH	Polycyclic aromatic hydrocarbons
PAT	Project Advisory Team
PCPI	Per capita personal income
PFA	Post-fledging area
PFYC	Potential Fossil Yield Classification system (BLM classification system)
PGE	Portland General Electric
PGH	Preliminary general habitat
PHF	Pacific Northwest Hydrography Framework
PHMA	Priority habitat management area
PM <sub>10</sub>	Particulate matter less than 10 microns
PM <sub>2.5</sub>	Particulate matter less than 2.5 microns
PNHF	Pacific Northwest Hydrography Framework

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POD	Plan of Development
PPH	Preliminary priority habitat
PRTP	Paleontological Resources Treatment Plan
PSD	Prevention of Significant Deterioration

**R**

RCA	Riparian conservation areas
Reclamation	Bureau of Reclamation, Department of the Interior
ReGAP	Regional Gap Analysis Project
RFFA	Reasonably foreseeable future action
RFRA	Religious Freedom Restoration Act of 1993
RHCAs	Riparian habitat conservation areas
RLS	Reconnaissance level survey
RMO	Riparian management objectives
RMP	Resource management plan
RMU	Regional management unit
RNA	Research natural area
ROD	Record of Decision
ROG	Reactive organic gas
ROS	Recreation Opportunity Spectrum
RRTT	Rapid Response Team for Transmission

**S**

SDWA	Safe Drinking Water Act
SEORMP	Southeastern Oregon Resource Management Plan
SF 299	Referr to Standard Form 299
SGNC	Species of greatest conservation need (State of Idaho)
SHPO	State Historic Preservation Office
SI	Sensitivity Index
SIL	Scenic integrity levels
SLIDO-2	Statewide Landslide Information Database (Oregon)
SMA	Special management area
SMS	Scenery Management System
SO <sub>2</sub>	Sulfur dioxide
SO <sub>x</sub>	Sulfur oxide
SPCC	Spill Prevention, Countermeasure, and Containment
SQRU	Scenic quality rating unit
SR	State Route
SRB	Snake River Basin
SRMA	Special recreation management area
SSP	Special status plant
SSURGO	Soil Survey Geographic Database



Standard Form 299	Application for Transportation and Utility Systems and Facilities on Federal Lands Drinking Water Source Area
STATSGO	State Soil Geographic Database
Study Trails	Trails under study for designation as National Historic Trails
SUP	Special use permit
SV	Site Sensitivity
SWPPP	Storm water pollution prevention plan

**T**

TCP	Traditional cultural property
TES	Threatened, endangered, candidate, and proposed
TESP	Threatened, endangered, and sensitive plants
THPO	Tribal Historic Preservation Office
TMDL	Total maximum daily load
TNC	The Nature Conservancy
TPI	Total personal income
TWC	The Wetlands Conservancy

**U**

U.S.	United States
U.S. 20	U.S. Highway 20
U.S. 26	U.S. Highway 26
U.S. 30	U.S. Highway 30
U.S. 395	U.S. Highway 395
U.S. 95	U.S. Highway 95
U.S.C.	United States Code
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USDOC	U.S. Department of Commerce
USDI	U.S. Department of the Interior
UDOT	Utah Department of Transportation
UEC	Umatilla Electrical Cooperative
USFS	U.S. Forest Service, U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey

**V**

VAU	Visual Analysis Unit
VMS	Visual Management System
VMT	Vehicle miles traveled
VOC	Volatile organic compound
VQO	Visual Quality Objective

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VRM	Visual Resource Management
VRI	Visual Resource Inventory

**W**

WAFWA	Western Association of Fish and Wildlife Agencies
WAFWA Assessment	Western Association of Fish and Wildlife Agencies Conservation Assessment of Greater Sage-Grouse and Sagebrush Habitats
WAFWA Strategy	WAFWA Greater Sage-Grouse Comprehensive Conservation Strategy
WBD	Watershed Boundary Database
WECC	Western Electricity Coordinating Council
WEG	Wind erodibility group
WMA	Wildlife management area
WMU	Wildlife management unit
WPCF	Water Pollution Control Facilities
WRAP	Western Regional Air Partnership
WSA	Wilderness study area
WSR	Wild and Scenic River
WUI	Wildland Urban Interface
WWII	World War II
WVEC	West-wide Energy Corridor
WWP	Western Watersheds Project