

UINTA BASIN RAILWAY DRAFT ENVIRONMENTAL IMPACT STATEMENT

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Surface Transportation Board, Office of Environmental Analysis

COOPERATING AGENCIES:

Department of the Army, U.S. Army Corps of Engineers
State of Utah Public Lands Policy Coordinating Office
U.S. Department of Agriculture, Forest Service
U.S. Department of the Interior, Bureau of Indian Affairs
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Acronyms and Abbreviations

µeq/l	micro-equivalents per liter
µg/m ³	micrograms per cubic meter
AADT	annual average daily traffic
AAQS	Ambient Air Quality Standards
AAR	American Association of Railroads
ACEC	Area of Critical Environmental Concern
ACHP	Advisory Council on Historic Preservation
AFY	acre-feet per year
ANC	acid neutralizing capacity
ANF	Ashley National Forest
APE	area of potential effects
AQCR	Air Quality Control Region
AQRV	air quality related value
AQS	air quality standard
AREMA	American Railway Engineering and Maintenance-of-Way Association
ARMPA	Utah Greater Sage-Grouse Approved Resource Management Plan Amendment
ARMS	Utah Air Resource Management Strategy
Ashely Forest Plan	Ashley Forest Land and Resource Management Plan
AUM	Animal Unit Month
BA	Biological Assessment
Basin/the Basin	Uinta Basin
BCC	Birds of Conservation Concern
BIA	U.S. Bureau of Indian Affairs
BLM	U.S. Bureau of Land Management
BMP	best management practice
BNSF	BNSF Railway Company
Board	Surface Transportation Board
bpd	barrels per day
BRWL	Blue-Rich White Light
Btu	British thermal unit

C.F.R.	Code of Federal Regulations
Cadna	Computer-Aided Noise Abatement
CASTNET	Clean Air Status and Trends Network
CDPHE	Colorado Department of Public Health and Environment
CEQ	Council on Environmental Quality
CH ₄	methane
cm	centimeters
CMAQ	Community Multi-scale Air Quality
CMP	corrugated metal pipe
CO 13	Colorado State Highway 13
CO 139	Colorado State Highway 139
CO 64	Colorado State Highway 64
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
Coalition	Seven County Infrastructure Coalition
Corps	U.S. Army Corps of Engineers
CPW	Colorado Parks and Wildlife
CSGMA	Carbon Sage-grouse Management Area
CSU	controlled surface use
CWA	Clean Water Act
CWMU	Cooperative Wildlife Management Unit
DAT	deposition analysis threshold
dBa	A-weighted decibel
DDV	delta-deciviews
DHV	design hour volume
DNL	day-night average noise level
DNM	Dinosaur National Monument
DPM	diesel particulate matter
DPR	Deseret Power Railroad
Drexel Hamilton	Drexel Hamilton Infrastructure Partners
DTM	Digital Terrain Model
EI	exposure index factor

EIA	U.S. Energy Information Administration
EIS	Environmental Impact Statement
EMU	ecological management unit
EPA	U.S. Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
ERMA	Extensive Recreation Management Area
ESA	Endangered Species Act
ESRI	Environmental Systems Research Institute
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIRS	Federal Information Relay Service
FLPMA	Federal Land Policy and Management Act
Forest Service	U.S. Forest Service
FR	Federal Register
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
FTE	full-time equivalent
GGE	gasoline gallon equivalent
GHG	greenhouse gas
GIS	geographic information system
GPS	global positioning system
GRP	gross regional product
GRSG	greater sage-grouse
gSSURGO	Gridded Soil Survey Geographic
GWP	global warming potential
HAP	hazardous air pollutant
HUC	Hydrologic Unit Code
I-70	Interstate 70
IMPLAN	IMpact analysis for PLANning
IMPROVE	Interagency Monitoring of Protected Visual Environments
IPaC	Information for Planning and Consultation
IRA	Inventoried Roadless Area
ITA	Indian Trust Asset

kg/ha-yr	kilograms per hectare per year
KOP	key observation point
kVa	kilovolt-ampere
L&G	Light and Glare
LAU	Lynx Analysis Unit
LCAS	Lynx Conservation Assessment Strategy
Leq	equivalent sound level
LOS	level of service
LRMP	Land Resource Management Plan
LWCF	Land and Water Conservation Fund
MA-LR	Management Action - Lands and Realty
MA-SSS	Management Action – Special Status Species
mg/l	milligrams per liter
mi ²	square miles
mm	millimeters
Monument Butte FEIS	Monument Butte Oil and Gas Development Project Final Environmental Impact Statement
mph	miles per hour
MST	Mountain Standard Time
MT/yr	metric tons per year
MUTCD	Federal Highway Administration Manual on Uniform Traffic Control Devices for Streets and Highways
MW	megawatts
MWh	megawatt hours
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAICS	North American Industry Classification System
National Register	National Register of Historic Places
NEPA	National Environmental Policy Act
NFS	National Forest System
NHPA	National Historic Preservation Act
NO ₂	nitrogen dioxide
NOI	Notice of Intent

NO _x	nitrogen oxide
NPDES	National Pollutant Discharge Elimination System
NRA	National Recreation Area
NRCS	Natural Resources Conservation Service
NWI	National Wetland Inventory
O&M	operations and maintenance
OEA	Office of Environmental Analysis
OHV	off-highway vehicle
OHWM	ordinary high-water mark
PA	Programmatic Agreement
PAC	priority areas for conservation
PADD	Petroleum Administration for Defense District
PAH	polycyclic aromatic hydrocarbon
PC&N	public convenience and necessity
PEM	palustrine emergent [wetland]
PFO	palustrine forested [wetland]
PFYC	Potential Fossil Yield Classification
PHMA	Priority Habitat Management Area
PHMSA	Pipeline and Hazardous Materials Safety Administration
PLPCO	State of Utah Public Lands Policy Coordinating Office
PM10	particulate matter 10 microns or less in diameter
PM2.5	particulate matter 2.5 microns or less in diameter
POM	polycyclic organic matter
PPV	peak particle velocity
PSD	Prevention of Significant Deterioration
PSS	palustrine scrub-shrub [wetland]
PYFC	Potential Fossil Yield Classification
R.L Banks Study	Pre-Feasibility Study of a Prospective Railroad Connecting the Uinta Basin to the National Rail Network
RD1	Roosevelt/Duchesne Ranger District
RDF	required design feature
RGCP	Rio Grande Pacific Corporation
RIPRAP	Recovery Implementation Program Recovery Plan

RKOP	rendered key observation point
RMP	Resource Management Plan
RMPA	Utah Greater Sage-Grouse Resource Management Plan Amendment
RMS	root-mean square
ROD	Record of Decision
ROW	right-of-way
RPI	Railway Progress Institute
RTD	Denver Regional Transportation District
RV	recreational vehicle
SEL	sound exposure level
SGMA	Sage-Grouse Management Areas
SHPO	Utah State Historic Preservation Officer
SITLA	Utah School and Institutional Trust Lands Administration
SO ₂	sulfur dioxide
SRMA	Special Recreation Management Area
SSS	Special Status Species
State Plan	Utah Conservation Plan for Greater Sage-Grouse
SWPPP	stormwater pollution prevention plan
T&E	Threatened and Endangered
TBtu	trillion British thermal unit
TDS	Total Dissolved Solids
the Project	Uinta Basin Railway Project
THPO	Tribal Historic Preservation Office
TMDL	total maximum daily load
TRRC	Tongue River Railroad Company
U.S.C.	United States Code
UDEQ	Utah Department of Environmental Quality
UDOGM	Utah Division of Oil, Gas, and Mining
UDOT	Utah Department of Transportation
UDWQ	Utah Division of Water Quality
UDWR	Utah Division of Wildlife Resources
UDWRi	Utah Division of Water Rights
UIC	Underground Injection Control

UP	Union Pacific
UPAC	Utah Professional Archaeological Council
URARA	Utah Rock Art Research Association
US 191	U.S. Highway 191
US 40	U.S. Highway 40
US 6	U.S. Highway 6
USDOT	U.S. Department of Transportation
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
Ute Indian Tribe	Ute Indian Tribe of the Uintah and Ouray Reservation
VdB	vibration decibels
VMT	vehicle miles traveled
VOC	volatile organic compound
VPH	vehicles per hour
VQO	Visual Quality Objective
VRI	visual resource inventory
VRM	Visual Resource Management
WHP	Wildfire Hazard Potential
WY 789	Wyoming State Highway 789