FINAL

Upper Truckee River Sunset Stables Reach Restoration Project

CEQA Initial Study / Negative Declaration, NEPA Environmental Assessment, TRPA Initial Environmental Checklist

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Prepared by

ENTRIX
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Prepared for

DGS GENERAL SERVICES

California Tahoe Conservancy

Forest Service U.S. Department of Agriculture

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Acronyms, Terminology, and Abbreviations

°C	degrees Celsius
°F	degrees Fahrenheit
AADT	average annual daily traffic
AAI	Airport Area of Influence
AAQS	Ambient Air Quality Standards
~~AASHTO~~	~~American Association of State Highway and Transportation Officials~~
AB	Assembly Bill
AEM	Alternatives Evaluation Memorandum
Alternative	Other plans or options to the Proposed Project
ALUC	Airport Land Use Commission
AMS	American Meteorological Society
ANSI	American National Standards Institute
APE	Area of Potential Effect
AQMD	Air Quality Management District
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
Basin Plan	Water Quality Control Plan for the Lahontan Regional Board
BE	Biological Evaluation
BMP	Best Management Practice
BMPEP	Best Management Practice Evaluation Program
BP	Before Present
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalFire	California Department of Forestry and Fire Protection
Cal-IPC	California Invasive Plant Council
Caltrans	California Department of Transportation
CAR	critical aquatic refuges
CARB	California Air Resources Board
CCAA	California Clean Air Act
CCF	100 Cubic Feet
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CEQ	Council on Environmental Quality - *Established by the National Environmental Policy Act of 1969. The Council is part of the Executive Branch of Federal Government*
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CH_4	Methane
CLUP	Comprehensive Land Use Plan

CMP	corrugated metal pipe
CNDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
Compact	Tahoe Regional Planning Compact
CRHR	California Register of Historical Resources
CSC	CDFG Species of special concern
CSLT	City of South Lake Tahoe
CTC	California Tahoe Conservancy or Conservancy
CWA	Clean Water Act
dB	Decibel
dBA	A-weighted Decibel Sound Pressure Levels
dbh	diameter at breast height
DFC	Desired Future Condition
DGS-RESD	Department of General Services Real Estate Services Division
DN	Decision Notice - *The decision to implement or not implement an alternative the Proposed Action* (*or Project*) *is recorded in a Decision Notice*
DOI	U.S. Department of Interior
EA	Environmental Assessment
EbE	Elmira gravelly loamy coarse sand
EDOT	El Dorado Department of Transportation
EDR	Environmental Data Resources
EIP	Environmental Improvement Program
EIR	Environmental Impact Report
EIS	Environmental Impact Statement
EMFAC	EMission Factors
EPA	Environmental Protection Agency
ESA	Federal Endangered Species Act
FAA	Federal Aviation Administration
FBO	Fixed Base Operator
FESA	Federal Endangered Species Act
FMMP	Farmland Mapping and Monitoring Program Classification
FONSE	Findings of No Significant Effect
FONSI	Finding of No Significant Impact - *Federal NEPA document that records the Decision maker's conclusion that implementing an alternative would have no significant impact on the quality of the human environment, as defined in CEQ Regulations 1508.14*
Forest Plan	Lake Tahoe Basin Management Unit Land and Resource Management Plan - USDA Forest Service 1988, as amended
FP	species that are California Fully protected
FSS	US Forest Service sensitive species
ft	Feet

FTA	Federal Transit Administration
GeC	Gefo gravelly loamy coarse sand map unit
General Permit	State General Permit for Stormwater Discharges Associated with Construction Activity
GHG	Greenhouse Gases
GWP	Global Warming Potential
HASP	Health and Safety Plan
HCP	Habitat Conservation Plans
HEC	Hydrologic Engineering Center
HFC	hydrofluorocarbons
HFE	hydrofluorinated ethers
IEC	Initial Environmental Checklist
IPCC	Intergovernmental Panel on Climate Change
IS	Initial Study
Issue	An environmental resource about which someone has a concern - *Issues* identified in NEPA § 102(2) (E) as *unresolved conflicts*
JgC	Jabu sandy loam
Km	Kilometers
LCT	Lahontan cutthroat trout
Ldn	Day-night average level
Leq	Equivalent energy level
Lmax	The maximum A-weighted (*frequency-weighting mandated for the protection of workers against noise-induced*) sound level during the measurement period
Lo	Loamy alluvial land
LOP	Limited Operating Period
LOS	Level of Service
LRMP	Land and Resource Management Plan
LSI	Species of interest
LTAB	Lake Tahoe Air Basin
LTBMU	Lake Tahoe Basin Management Unit - *National Forest land managed by USDA Forest Service Lake Tahoe Office*
LUFT	Leaking Underground Fuel Tank
LUST	Leaking Underground Storage Tank
MBTA	Migratory Bird Treaty Act
mg/m^3	milligram per cubic meter
MIS	Management Indicator Species
MMT	million metric tonnes
MND	Mitigated Negative Declaration - *Under CEQA*
MOU	Memorandum of Understanding
mph	miles per hour
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission

National Fire Plan	*A report that recommends how best to reduce the impacts of wildland fires on rural communities, and ensure sufficient firefighting resources in the future* (*http://www.fireplan.gov/*)
NCCP	Natural Communities Conservation Plans
ND	Negative Declaration – *CEQA Document*
NEPA	National Environmental Policy Act of 1969
NF_3	nitrogen trifluoride
NFMA	National Forest Management Act (36 CFR 219.27)
NFS	National Forest System
NO	Nitric oxide
NO_2	nitrous dioxide
NOI	Notice of Intent
NOP	Notice of Preparation
~~NOTAM~~	~~Notice To AirMen~~
NOx	Nitrogen Oxides
NPDES	National Pollution Discharge Elimination System
NPPA	Native Plant Protection Act
NRCS	Natural Resource Conservation Service
NRHP	National Register of Historic Places
O_3	Ozone
OFA	Obstruction Free Area
OPR	Governor's Office of Planning and Research
PAC	protected activity center
PAS	Plan Area Statement
PFC	perfluorocarbons
PM	Particulate Matter
PM_{10}	particulate matter in the atmosphere that is smaller than 10 microns in diameter
PM2.5	fine particulate matter less than 2.5 microns
PMT	Project Management Team
ppm	parts per million
PPV	Peak Particle Velocity
PR Doc	Project Record Document
PRC	California Public Resources Code
Proposed Action or Project	*The project alternative that best meets the project purpose and need under NEPA*
Proposed Project	Upper Truckee River Sunset Stables Reach Restoration Project
PWHA	Preliminary Wildlife Hazard Assessment
RAS	River Analysis System
Regional Board	Lahontan Regional Water Quality Control Board
RCEM	Road Construction Emissions Model
RCO	riparian conservation objectives
RCRA	Resource Conservation and Recovery Act
Responsible Official	LTBMU, Forest Supervisor
RFSS	Regional Forester's Sensitive Species

ROG	Reactive Organic Gasses
ROW	right-of-way
RS	River Station
RSZ	Runway safety zone
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SDWA	Safe Drinking Water Act
SEZ	Stream Environment Zone
SF_6	sulfur hexafluoride
SHPO	State Historic Preservation Office
SI	Special Interest
SIP	State Implementation Plan
SMAQMD	Sacramento Metropolitan Air Quality Management District
SNFPA	Sierra Nevada Forest Plan Amendment
SNPLMA	Southern Nevada Public Lands Management Act
SO_2	Sulphur dioxide
SPCC	Spill Prevention Control and Countermeasures
SPPC	Sierra Pacific Power Company (renamed to NVENERGY)
SQIP	Scenic Quality Improvement Program
STPUD	South Tahoe Public Utility District
STRR	South Tahoe Refuse and Recycling
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TAG	Technical Advisory Group
TMDL	Total Maximum Daily Load
Torr	A measure of pressure with one torr equal to 1/760 of one atmosphere each torr unit roughly equivalent to the liquid pressure exerted by 1 mm of mercury (mm Hg).
TRCD	Tahoe Resource Conservation District
TRPA	Tahoe Regional Planning Agency
U.S.	United States
U.S.C.	United States Code
UNFCCC	United Nations Framework Convention on Climate Change
URBEMIS	URBan EMISsions
USACE	United States Army Corps of Engineers
USDA	U.S. Department of Agriculture
USDI	U.S. Department of the Interior
USEPA	U.S. Environmental Protection Agency
USFS	U.S. Department of Agriculture, Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tanks
UTR	Upper Truckee River
v/c	volume-to-capacity

VMT	vehicle miles traveled
VOC	volatile organic compounds
VQO	Visual Quality Objective
y^3	cubic yards
µg/m3	microgram per cubic meter