

Draft
Environmental Impact Statement
Beach Club on Lake Tahoe



Douglas County, Nevada

Submitted to:
Tahoe Regional Planning Agency



Prepared by:
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January 2008



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Submitted to:

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A	NOP, TRPA Information Sheet, Initial Environmental Checklist, Program Analysis of Beach Club, Scoping Comments, Table of Responses to Scoping Comments
B	Geologic and Hydrologic Reports: Preliminary Geotechnical Investigation prepared for the Beach Club on Lake Tahoe project (Harding ESE 2002) Soils Report, Tahoe Beach Club (May 2003) Soils/Hydrologic Final Report (Kleinfelder June 2003) TRPA existing coverage verification (May 26, 2004) TRPA approval of excavation depth for the proposed project (TRPA File # 20030501)
C	Level of Service Data
D	Air Quality Modeling Data
E	Noise Modeling Data
F	Special-Status Plant Survey Report for the Beach Club on Lake Tahoe Project
G	Cultural Resource Inventory and Evaluation for the Proposed Beach Club on Lake Tahoe Project, Douglas County, Nevada
H	Phase 1 Environmental Assessment, Western Geologic LLC
I	BMP Options

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ABBREVIATIONS AND ACRONYMS

ADT	average-daily-traffic
AMWG	Adaptive Management Working Group
ANSI	American National Standards Institute
APN	Assessor's Parcel Number
Bailey System	Land-Capability Classification of the Lake Tahoe Basin, California-Nevada: A Guide to Planning
Be	Beach soil
BFE	base flood elevations
bgs	below ground surface
BMPs	Best Management Practices
BPRP	Boating Pollution Reduction Program
BWQP	Bureau of Water Quality Planning
CDF	California Department of Forestry and Fire Protection
CDMG	California Division of Mines & Geology
CESA	California Endangered Species Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CGS	California Geological Survey
CHABA	Committee of Hearing, Bio Acoustics, and Bio Mechanics
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
Co	Celio gravelly loamy coarse sand
CWA	Clean Water Act
CY	cubic yards
dB	decibels
dBA/DD	dBA per doubling of distance
dbh	diameter at breast height
DFG	California Department of Fish and Game
DOT	U.S. Department of Transportation
DRC	Design Review Committee
ETCC	environmental threshold carrying capacities
EIP	Environmental Improvement Program
EIS	environmental impact statement
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
Ev	Elmira loamy coarse sand, wet variant
FEMA	Federal Emergency Management Agency
FIS	Flood Insurance Study
Forest Service	U.S. Department of Agriculture Forest Service
ft ²	feet squared
FTA	Federal Transit Administration
gC/M ² /yr	grams C bound into organic C per square meters of ocean surface per year
GID	General Improvement District

Gr	Gravelly alluvial land
GVW	gross vehicle weight
HPS	high pressure sodium
HVAC&R	heating, ventilation and air conditioning and refrigeration
Hz	hertz
IBC	International Building Code
ICC	International Code Council
in/sec	inch per second
IRC	International Residential Code
JWP	Jere Williams Plan
KGID	Kingsbury General Improvement District
LCD	land capability districts
L _{dn}	Day-Night Noise Level
L _{eq}	Equivalent Noise Level
L _{max}	Maximum Noise Level
L _{min}	Minimum Noise Level
Lo	Loamy alluvial land
L-T	Loyalton-Truckee
LTBMU	Lake Tahoe Basin Management
LTBMU Forest Plan	Lake Tahoe Basin Management Unit Land and Resource Management Plan
LTD	Lake Tahoe Datum
L _x	Statistical Descriptor
MBTA	Migratory Bird Treaty Act
mg/l	milligrams per liter
Mh	Marsh
mph	miles per hour
msl	mean sea level
NAC	Nevada Administrative Code
NDEP	Nevada Division of Environmental Protection
NDF	Nevada Division of Forestry
NDOT	Nevada Department of Transportation
NDOW	Nevada Division of Wildlife
NDSL	Nevada Division of State Lands
NEHRP	National Earthquake Hazards Reduction Program
NEHRPA	National Earthquake Hazards Reduction Program Act
NIST	National Institute of Standards and Technology
nitrate	NO ₃
NNHP	Nevada Department of Natural Resources, Natural Heritage Program
NOP	notice of preparation
NSF	National Science Foundation
NTRT	Nevada Tahoe Resource Team
NTU	Nephelometric Turbidity Units
NWP	nationwide permit

OHWM	ordinary high water mark
ONRW	Outstanding National Resource Water
OHV	off-highway vehicles
PAHs	polycyclic aromatic hydrocarbons
PAS	Plan Area Statement
PPV	peak particle velocity
RMS	root mean square
Qb	Holocene deposits beach deposits
Qfp	Holocene deposits flood-plain deposits
Qlt	Pleistocene era lacustrine terrace deposits
SBC	SBC Communications Inc.
SENL	Single-Event [Impulsive] Noise Level
SEZ	stream environment zone
sf	square feet
SQIP	Scenic Quality Improvement Program
SR	State Route
SRP	Soluble Reactive Phosphorus
SWPPP	storm water pollution and prevention plan
TAG	Technical Advisory Group
TKN	Total Kjeldahl Nitrogen
TP	Total Phosphorus
TRPA	Tahoe Regional Planning Agency
TSS	Total Suspended Solids
U.S. EPA	U.S. Environmental Protection Agency
UBC	Uniform Building Code
USACE	U.S. Army Corps of Engineers
USC	U.S. Code
USDA	U.S. Department of Agriculture
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VdB	vibration decibels
µin/sec	microinch per second