

September 2018



Final Environmental Impact Statement

# LAKE TAHOE SHORELINE PLAN

Prepared for:



**TAHOE  
REGIONAL  
PLANNING  
AGENCY**



**Final Environmental Impact Statement  
for the**

**Lake Tahoe Shoreline Plan**

**CA State Clearinghouse No. 2017072020**

**NV State Clearinghouse No. E2018-002**

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# TABLE OF CONTENTS

Section	Page
ACRONYMS AND ABBREVIATIONS .....	III
<b>1 INTRODUCTION.....</b>	<b>1-1</b>
1.1 Background .....	1-1
1.2 Organization of this Final EIS.....	1-2
1.3 List of Commenters.....	1-3
<b>2 REVISIONS TO THE PROPOSED SHORELINE PLAN.....</b>	<b>2-1</b>
2.1 Additional No-Wake Zones.....	2-1
2.2 Support for Lake Tahoe Water Trail .....	2-2
2.3 Phased Mooring Permitting .....	2-2
2.4 Motorized Boat Noise Restrictions.....	2-3
2.5 Expanded noise monitoring.....	2-3
2.6 Expanded Recreation Monitoring.....	2-3
2.7 No Boat Beaching Zones .....	2-3
2.8 Deep Water Pier Design Standards .....	2-4
<b>3 COMMENTS AND RESPONSES .....</b>	<b>3-1</b>
3.1 Master Responses .....	3-1
3.2 Agencies.....	3-59
3.3 Organizations.....	3-155
3.4 Individuals.....	3-285
3.5 Public Meetings.....	3-397
<b>4 REVISIONS AND CORRECTIONS TO THE DRAFT EIS.....</b>	<b>4-1</b>
<b>5 REFERENCES.....</b>	<b>5-1</b>
<b>6 LIST OF PREPARERS .....</b>	<b>6-1</b>
<b>Appendices (found on CD at the back of the report)</b>	
A Shoreline Implementation Program	
B Comment Letter Attachments	
C Revised Watercraft Emissions Calculations	
<b>Exhibits</b>	
Exhibit 3-1 Shoreline Recreation Segments.....	3-15
Exhibit 3-2 Tahoe City Area – Shoreline Structures and No-Wake Zones .....	3-16
Exhibit 3-3 Kings Beach Area - Shoreline Structures and No-Wake Zones .....	3-17
Exhibit 3-4 Crystal Bay Area - Shoreline Structures and No-Wake Zones.....	3-18
Exhibit 3-5 East Shore Area - Shoreline Structures and No-Wake Zones.....	3-19
Exhibit 3-6 Cave Rock Area - Shoreline Structures and No-Wake Zones .....	3-20
Exhibit 3-7 South Shore Area - Shoreline Structures and No-Wake Zones .....	3-21
Exhibit 3-8 Emerald Bay Area - Shoreline Structures and No-Wake Zones .....	3-22
Exhibit 3-9 Rubicon Bay Area - Shoreline Structures and No-Wake Zones .....	3-23



Exhibit 3-10	West Shore Area - Shoreline Structures and No-Wake Zones .....	3-24
Exhibit 3-11	New Shoreline Structures at Buildout of Each Alternative after Mitigation.....	3-45
Exhibit 3-12	Estimated Percent Increase in Moorings under Each Alternative after Mitigation .....	3-46
Exhibit 3-13	Estimated Percent Increase in Piers under Each Alternative after Mitigation .....	3-46
Exhibit 3-14	Estimated Percent Increase in Boat Ramps under Each Alternative after Mitigation .....	3-46
Exhibit 3-15	Estimated Percent Increase in Boat Trips under Each Alternative after Mitigation.....	3-47
Exhibit 3-16	Regional Plan and Adaptive Management Flowchart .....	3-49

## Tables

Table 1-1	List of Commenters .....	1-3
Table 3-1	Changes in Density of Boats on the Lake on a Peak Day at Buildout.....	3-11
Table 3-2	Water and Land Recreation Opportunity Spectrum Setting Descriptions .....	3-12
Table 3-3	Estimated Number of New Moorings Associated with Each Alternative.....	3-32
Table 3-4	Net Change in Operational Emissions in the Lake Tahoe Air Basin, by Interim Year of Plan Buildout under the Proposed Shoreline Plan (Alternative 1) .....	3-39
Table 3-5	Net Change in Operational Emissions in the Lake Tahoe Air Basin, by Interim Year of Plan Buildout under the Proposed Shoreline Plan (Alternative 1), with Twice the Increase in Watercraft Activity .....	3-40
Table 3-6	Maximum Number of Shoreline Structures at Buildout of Each Alternative after Mitigation .....	3-45
Table 3-7	Projected Boating Activity under Each Alternative after Mitigation.....	3-47
Table 3-8	Lake Tahoe Water Quality Monitoring Programs.....	3-51
Table 3-9	Lake Tahoe Noise Monitoring Programs.....	3-55
Table 3-10	Lake Tahoe Air Quality Monitoring Programs .....	3-57

## LIST OF ABBREVIATIONS

AIS	aquatic invasive species
BMP	best management practice
California State Parks	California Department of Parks and Recreation
CARB	California Air Resources Board
CFR	Code of Federal Regulations
CO	carbon monoxide
Conservancy	California Tahoe Conservancy
EIP	Environmental Improvement Program
EPA	U.S. Environmental Protection Agency
GHG	greenhouse gas
hp	horsepower
IMPROVE	Interagency Monitoring of Protected Visual Environments
kW	kilowatts
LTAB	Lake Tahoe Air Basin
LTBMU	Lake Tahoe Basin Management Unit
MOU	Memorandum of Understanding
Nevada State Parks	Nevada Division of State Parks
NO <sub>x</sub>	oxides of nitrogen
PAOT	persons at one time
PM	particular matter
PM <sub>10</sub>	particulate matter with an aerodynamic diameter of 10 micrometers or less
PM <sub>2.5</sub>	particulate matter with an aerodynamic diameter of 2.5 micrometers or less
ROG	reactive organic gases
RPIC	Regional Plan Implementation Committee
SQIP	Scenic Quality Improvement Program
TRPA	Tahoe Regional Planning Agency

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TWSA	Tahoe Water Suppliers Association
USFS	U.S. Forest Service
WALROS	Water and Land Recreation Opportunity Spectrum

# 1 INTRODUCTION

This Final Environmental Impact Statement (Final EIS) has been prepared by the Tahoe Regional Planning Agency (TRPA) as the lead agency in accordance with the Tahoe Regional Planning Compact (Public Law 96-551) and 1980 revision, Code of Ordinances (TRPA Code), and Rules of Procedure. It contains comments received on the Lake Tahoe Shoreline Plan Draft Environmental Impact Statement (Draft EIS) and responses to those comments, as well as revisions to the Shoreline Plan and revisions and corrections to the Draft EIS. The EIS for the Lake Tahoe Shoreline Plan consists of the Draft EIS and this Final EIS.

## 1.1 BACKGROUND

The Draft EIS contains the following environmental analysis sections:

- ▲ Land Use;
- ▲ Fisheries and Aquatic Biological Resources;
- ▲ Hydrology and Water Quality;
- ▲ Soil Conservation;
- ▲ Recreation;
- ▲ Scenic Resources;
- ▲ Air Quality;
- ▲ Greenhouse Gas Emissions and Climate Change;
- ▲ Noise;
- ▲ Roadway Transportation and Circulation;
- ▲ Terrestrial Biological Resources (Wildlife and Vegetation);
- ▲ Public Health and Safety;
- ▲ Cultural Resources;
- ▲ Cumulative Impacts; and
- ▲ Other TRPA-Mandated Sections.

TRPA used several methods to solicit input on the Draft EIS. A Notice of Preparation was issued to inform agencies and the public that an EIS was being prepared for the Shoreline Plan and to solicit their views regarding the scope and content of the EIS. The NOP was distributed on July 12, 2017, and comments were received through August 16, 2017. Scoping meetings were held with the TRPA Advisory Planning Commission and the TRPA Governing Board to provide information on the environmental analysis and to obtain oral comments. Public input on the scope of the Shoreline Plan also was obtained through the Joint Fact-Finding Committee. All written and oral comments received during EIS scoping were summarized by TRPA and included in the Scoping Summary Report in Appendix B of the Draft EIS.

On May 8, 2018, the Draft EIS was released for public review and comment for a 60-day period (ending July 9, 2018). The Draft EIS and/or a Notice of Availability was distributed directly to public agencies (including potential responsible and trustee agencies), interested parties, and organizations, and approximately 33,000 notices were mailed out to each property owner in the Lake Tahoe Region. The Draft EIS was made available for review during normal business hours at the following location:

Tahoe Regional Planning Agency  
128 Market Street  
Stateline, NV 89449

The Draft EIS was also available online at the TRPA website ([www.trpa.org/document/projects-plans/](http://www.trpa.org/document/projects-plans/)), and the Shoreline Plan website ([www.shorelineplan.org](http://www.shorelineplan.org)).

Oral comments were provided at the following TRPA Governing Board and Advisory Planning Commission meetings:

- ▲ TRPA Governing Board meeting, 9:30 a.m. on Wednesday, May 23, 2018, at the TRPA office, Stateline, Nevada;

- ▲ TRPA Advisory Planning Commission meeting, 9:30 a.m. on Wednesday, June 13, 2018, at the TRPA office, Stateline, Nevada; and
- ▲ TRPA Governing Board meeting, 9:30 a.m. on Wednesday, June 27, 2018, at the Kings Beach Events Center, Kings Beach, California.

Written comments were provided at the following public workshops:

- ▲ public workshop, 5:30–7:30 p.m. on Monday, June 4, 2018, at the TRPA office, Stateline, Nevada; and
- ▲ public workshop, 5:30–7:30 p.m. on Wednesday, June 6, 2018, at the North Tahoe Events Center, Kings Beach, California.

At each of these meetings, TRPA staff made presentations to describe the proposed Shoreline Plan and to discuss key environmental issues identified in the Draft EIS.

## 1.2 ORGANIZATION OF THIS FINAL EIS

This Final EIS is organized as follows:

- ▲ **Chapter 1, “Introduction,”** provides background on the Shoreline Plan EIS, summarizes the organization of the Final EIS, and lists all parties that submitted written comments on the Draft EIS during the public review period.
- ▲ **Chapter 2, “Revisions to the Proposed Shoreline Plan,”** presents revisions to the proposed Shoreline Plan Code amendments that were made in response to comments.
- ▲ **Chapter 3, “Comments and Responses,”** contains copies of the comment letters received during the public review period and responses to the comments. The chapter begins with a set of master responses that were prepared to comprehensively respond to multiple comments that raised similar issues. The master responses are followed by comments letters and responses from agencies, organizations, and individuals. Comments and responses from public hearings and workshops are also provided.
- ▲ **Chapter 4, “Revisions and Corrections to the Draft EIS,”** presents revisions to the Draft EIS text made in response to comments or made by the lead agency to clarify text or to make minor modifications or corrections. Changes in the text are signified by ~~strikeouts~~ where text is removed and by underline where text is added.
- ▲ **Chapter 5, “References,”** identifies the organizations and persons cited in the Final EIS and response to comments.
- ▲ **Chapter 6, “List of Preparers,”** identifies the lead agency contacts and preparers of this Final EIS.
- ▲ **Appendix A, “Shoreline Implementation Program,”** provides detail on TRPA’s approach to implement the proposed Shoreline Plan, including information on fees and program funding, monitoring, education, and enforcement.
- ▲ **Appendix B, “Attachments to Comment Letters,”** provides all attachments that were included in comment letters.
- ▲ **Appendix B, “CARB Emissions Data,”** provides details on watercraft emissions from the California Air Resources Board.



## 1.3 LIST OF COMMENTERS

Table 1-1 identifies the numerical designation for each comment letter received on the Draft EIS, its author, and the date. The letters are organized alphabetically by commenter within groups of agencies, organizations, and individuals, followed by public hearing summary notes.

<b>Table 1-1 List of Commenters</b>		
<b>Letter/Hearing #</b>	<b>Commenter</b>	<b>Date of Comment (or Date Received)</b>
<b>Agencies</b>		
A1	California Attorney General	7/9/2018
A2	California State Lands Commission	7/9/2018
A3	California State Parks	7/9/2018
A4	Nevada Division of Environmental Protection	7/9/2018
A5	Nevada Division of State Lands	7/9/2018
<b>Organizations</b>		
01	Feldman McLaughlin Thiel, LLP	7/9/2018
02	Friends of the West Shore	7/4/2018
03	Lake Tahoe Marina Association	5/23/2018
04	Lake Tahoe Water Trail	7/9/2018
05	Lakeridge General Improvement District	7/3/2018
06	League to Save Lake Tahoe	7/9/2018
07	Lien, Gregg	7/9/2018
08	Marla Bay Protection Association	7/1/2018
09	Midkiff & Associates	7/9/2018
010	Sierra Club Tahoe Area Group	7/9/2018
011	Tahoe Keys Property Owners Association	7/9/2018
012	Tahoe Lakefront Owners Association	7/9/2018
013	Tahoe Water Suppliers Association	5/24/2018
014	Tahoe Water Suppliers Association	5/24/2018
015	Tahoe Water Suppliers Association	7/2/2018
<b>Individuals</b>		
I1	Paul Adams	7/9/2018
I2	Anonymous	7/5/2018
I3	David Antonucci	6/26/2018
I4	Karen Bachand	7/9/2018
I5	Marguerite Bachand	7/9/2018
I6	Philip Bachand	7/9/2018
I7	Thomas Bachand	7/9/2018
I8	Laurelee Barnes	7/5/2018
I9	Cody Bass	7/9/2018
I10	Veronika Behlmer	5/9/2018
I11	Taylor Bennett	7/9/2018

**Table 1-1 List of Commenters**

Letter/Hearing #	Commenter	Date of Comment (or Date Received)
I12	Lea Betty	5/13/2018
I13	Kelsi Boyd	7/9/2018
I14	Rob Brent	5/26/2018
I15	Steve Bridges	7/9/2018
I16	Steve Bridges	7/9/2018
I17	Jen Bronken	6/4/2018
I18	Robert Byren	6/7/2018
I19	Lisa Cady	7/9/2018
I20	Jim Carlson	7/9/2018
I21	Simon Cassidy	7/5/2018
I22	Heather Castro	7/9/2018
I23	Sarah Chisholm	7/9/2018
I24	Crumpton Family	7/7/2018
I25	Thomas E. Crumpton	7/8/2018
I26	Steven Decea	7/9/2018
I27	Geoff Elmore	5/8/2018
I28	Geoff Elmore	7/2/2018
I29	Fabian	7/5/2018
I30	Julia Feldman	7/9/2018
I31	Lee Frederiksen	6/19/2018
I32	Ray Garland	7/9/2018
I33	Michelle Genosick	7/3/2018
I34	Ron and Sally Grassi	7/4/2018
I35	Fred Grosser	6/30/2018
I36	Alice Grulick-Jones	5/18/2018
I37	Amber Hall	6/3/2018
I38	Karen Hoida	7/9/2018
I39	Katherine Jordan	7/9/2018
I40	Kathryn Kowalewski	7/9/2018
I41	Robert Lambie	5/23/2108
I42	Paola Lancellotti	6/13/2018
I43	Brian Loring	5/15/2018
I44	Mike Marini	6/7/2018
I45	Carol Mazeralli	7/9/2018
I46	Mel Meyers	6/22/2018
I47	Richard Neubauer	6/7/2018
I48	Janet Norcott	7/9/2018
I49	B. Renzi	7/9/2018
I50	S. Rising	7/9/2018

**Table 1-1 List of Commenters**

Letter/Hearing #	Commenter	Date of Comment (or Date Received)
I51	Jim Robertson	5/24/2018
I52	Sara Schmitz	6/22/2018
I53	David Simon	6/23/2018
I54	Steve Smith	6/27/2018
I55	Steve Smith	7/2/2018
I56	Steve Smith	7/9/2018
I57	Anthony Spatucci	7/9/2018
I58	Tom Spencer	7/7/2018
I59	Alison Stanton	7/9/2018
I60	Paul Turney	7/6/2018
I61	Garrett Villanueva	6/14/2018
I62	Ellie Waller	6/13/2018
I63	Ellie Waller	6/13/2018
I64	Ellie Waller	6/13/2018
I65	Kelsey Weist	7/9/2018
I66	Lorenzo "Spike" Wimmer	7/8/2018
I67	Gregory Woolley	7/9/2018
I68	Bill Wynne	7/9/2018
<b>Public Hearings</b>		
<b>Comment summary notes from the TRPA Governing Board Meeting</b>		
PM1	Darcie Goodman-Collins, League to Save Lake Tahoe	5/23/2018
PM2	M. Elie Alyeshmerni, Lake Tahoe Marina Association	5/23/2018
PM3	Jennifer Quashnick, Friends of the West Shore	5/23/2018
PM4	Jessica Tucker-Mohl, California Attorney General	5/23/2018
PM5	Robert Larsen, Lahontan Regional Water Quality Control Board	5/23/2018
PM6	Liz Kingsland, Nevada Division of State Lands	5/23/2018
PM7	Jan Brisco, Lakefront Property Owners' Association	5/23/2018
PM8	Laurel Ames, Sierra Club Tahoe Area Group	5/23/2018
PM9	Jim Lawrence, TRPA Governing Board Chairman	5/23/2018
<b>Comment summary notes from the TRPA Advisory Planning Commission Meeting</b>		
PM10	Kristina Hill, TRPA Advisory Planning Commission Member	6/13/2018
PM11	Zach Hymanson, TRPA Advisory Planning Commission Member	6/13/2018
PM12	Jennifer Carr, TRPA Advisory Planning Commission Member	6/13/2018
PM13	Mike Marini, Public Commenter	6/13/2018
PM14	Laurel Ames, Sierra Club Tahoe Area Group	6/13/2018
PM15	Nick Exline	6/13/2018
PM16	Steve Teshara, TRPA Advisory Planning Commission Member	6/13/2018

**Table 1-1 List of Commenters**

Letter/Hearing #	Commenter	Date of Comment (or Date Received)
<b>Comment summary notes from the TRPA Governing Board Meeting</b>		
PM17	Steve Smith, Lake Tahoe Resident	6/27/2018
PM18	Gregg Lien, Attorney, Tahoe City	6/27/2018
PM19	Shelley Aldean, TRPA Governing Board Member	6/27/2018
PM20	Jim Lawrence, TRPA Governing Board Chairman	6/27/2018
<b>Comment summary notes from the TRPA Offices Open House</b>		
PM21	Public Commenter	6/4/2018
PM22	Public Commenter	6/4/2018
PM23	Public Commenter	6/4/2018
PM24	Public Commenter	6/4/2018
PM25	Public Commenter	6/4/2018
PM26	Public Commenter	6/4/2018
PM27	Public Commenter	6/4/2018
PM28	Public Commenter	6/4/2018
PM29	Public Commenter	6/4/2018
PM30	Public Commenter	6/4/2018
PM31	Public Commenter	6/4/2018
PM32	Public Commenter	6/4/2018
PM33	Public Commenter	6/4/2018
PM34	Public Commenter	6/4/2018
PM35	Public Commenter	6/4/2018
PM36	Public Commenter	6/4/2018
PM37	Public Commenter	6/4/2018
<b>Comment summary notes from the North Tahoe Event Center Open House</b>		
PM38	Public Commenter	6/6/2018
PM39	Public Commenter	6/6/2018
PM40	Public Commenter	6/6/2018
PM41	Public Commenter	6/6/2018
PM42	Public Commenter	6/6/2018
PM43	Public Commenter	6/6/2018
PM44	Public Commenter	6/6/2018
PM45	Public Commenter	6/6/2018
PM46	Public Commenter	6/6/2018
PM47	Public Commenter	6/6/2018
PM48	Public Commenter	6/6/2018
PM49	Public Commenter	6/6/2018
PM50	Public Commenter	6/6/2018
PM51	Public Commenter	6/6/2018
PM52	Public Commenter	6/6/2018

**Table 1-1 List of Commenters**

Letter/Hearing #	Commenter	Date of Comment (or Date Received)
Comment summary notes from the Comment Cards		
PM53	Public Commenter	6/4/2018
PM54	Jan Aville	6/14/2018
PM55	Ken Viel	NA
PM56	Roy Pike	6/4/2018
PM57	Public Commenter	NA
PM58	Public Commenter	NA
PM59	Abby Edwards	NA
PM60	Elise Fett	NA
PM61	Madonna Dunbar, Tahoe Water Suppliers Association	NA

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