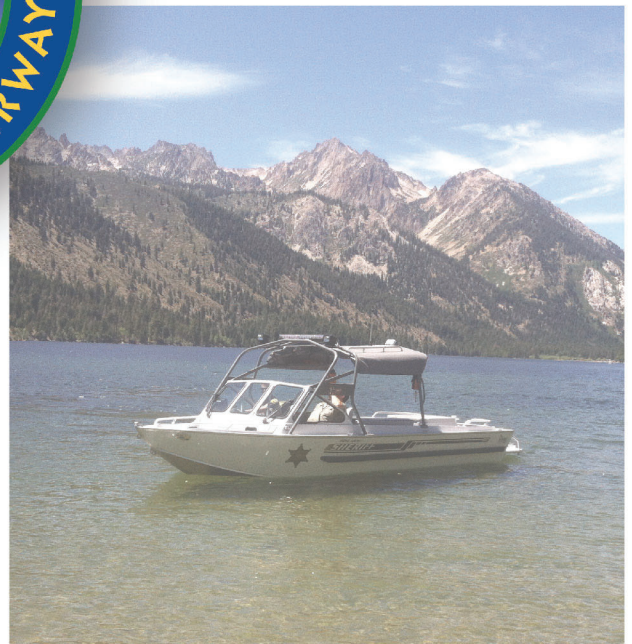


CALIFORNIA BOATING FACILITIES NEEDS ASSESSMENT

2019



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CBFNA

VOLUME V



SIERRA

CALIFORNIA BOATING FACILITIES NEEDS ASSESSMENT



CALIFORNIA BOATING FACILITIES NEEDS ASSESSMENT

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December 2019

The California Boating Facility Needs Assessment was prepared under contract by:

California State University, Sacramento



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The statements and conclusions of this report are those of the contractor and not necessarily those of the California Division of Boating and Waterways, or its employees. The division makes no warranties, express or implied, and assumes no liability for the information in the succeeding text.



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Introduction

In *Volume V: Sierra Region*, findings for this region and its waterways are provided. In the first part of this volume, the regions' counties and waterways are identified, followed by descriptions of the motorized and non-motorized boater study participants who reside in this region. Preferred waterways located in this region—as reported by both motorized and non-motorized study participants—are identified. Descriptions of these waterways' facility needs, issues, and reasons for boating are summarized. Forecasts for registered motorized boats in this region are provided, in addition to summary statistics for existing facilities. Data are included for all waterways at the end of this volume in the appendices.

Region's Counties & Waterways

The Sierra region is primarily comprised of 10 counties: Alpine, Amador, Calaveras, El Dorado, Inyo, Mariposa, Mono, Nevada, Placer, and Tuolumne. A portion of five additional counties are also included in this region due to their geographical location in the Sierra mountain range. These counties include: Fresno, Madera, San Bernardino, Stanislaus, and Yuba. Within this region, 105 waterways have been identified as having recreational opportunities for motorized and/or non-motorized boaters (Table 1).

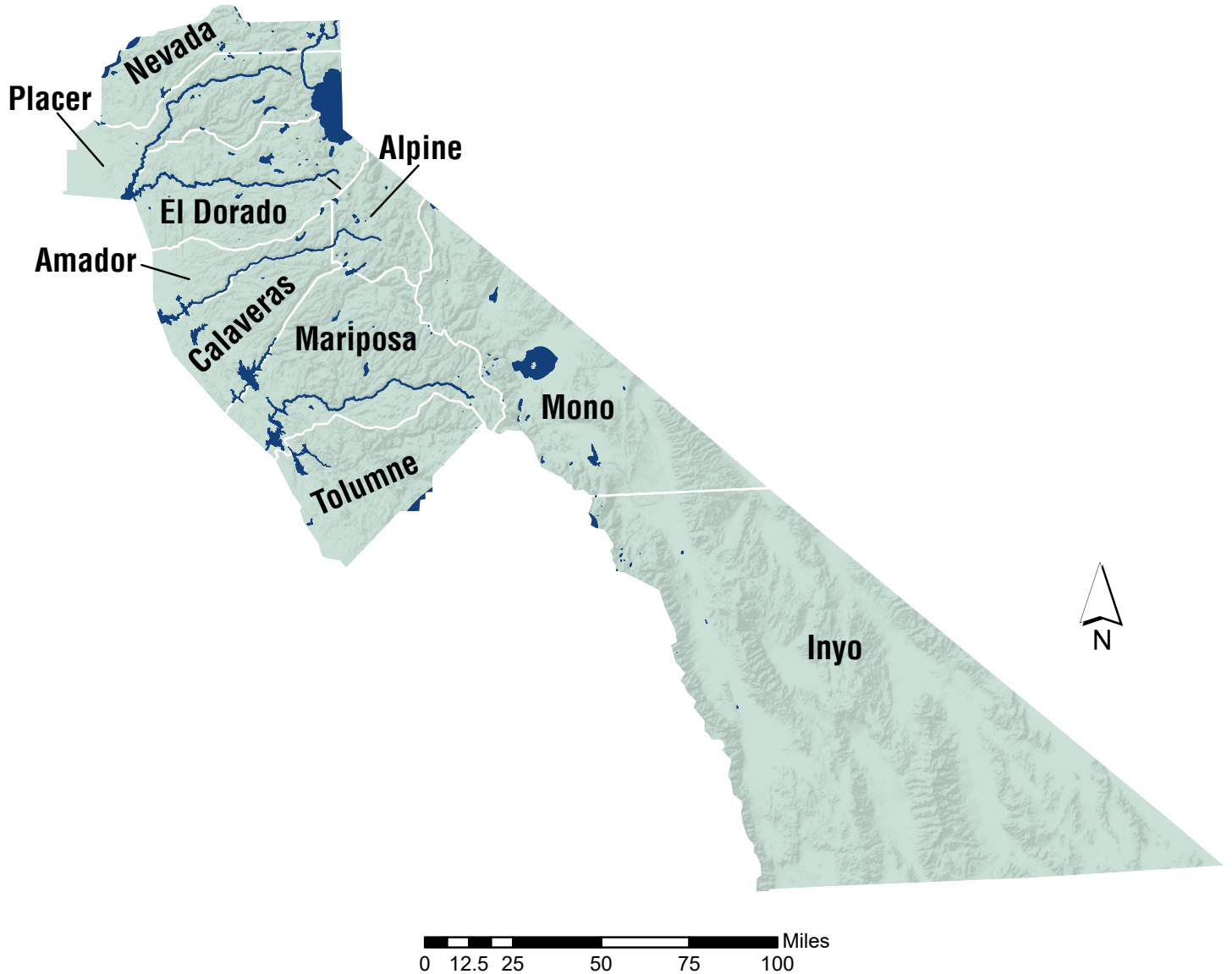


Table 1. Waterways in the Region

Waterways		
American River-Middle Fork	Huntington Lake	Mokelumne River
American River-North Fork	Ice House Reservoir	Mono Lake
American River-South Fork	Indian Creek Reservoir	Morning Star Lake (Big Reservoir)
Bear River	Jackson Meadows Reservoir	New Hogan Lake
Bear River Reservoir	Jenkinson Lake	New Melones Lake (Reservoir)
Beardsley Reservoir	June Lake	New Spicer Meadow Reservoir
Big Bear Lake	Kerckhoff Reservoir	Owens River
Big Trees Creek	Kern River	Pine Mountain Lake
Boca Reservoir	Kidd Lake	Pinecrest Lake
Bridgeport Reservoir	Kings River	Prosser Reservoir
Bullards Bar Reservoir	Klondike Lake	Rock Creek Lake
Camp Far West Lake (Reservoir)	Lake Alpine	Rollins Lake
Caples Lake	Lake Amador	Saddlebag Lake
Cherry Lake	Lake Arrowhead	Salt Spring Reservoir
Convict Lake	Lake Camanche	Schaads Reservoir
Cosumnes River	Lake Clementine	Scotts Flat Reservoir
Courtright Reservoir	Lake Eleanor	Shaver Lake
Crowley Lake	Lake George	Silver Lake (Amador)
Don Pedro Lake	Lake Mamie	Silver Lake (Mono)
Englebright Lake	Lake Tahoe	Snowflower Lake
Donner Lake	Lake Mary	Stanislaus River
East Fork Carson River	Lake Pardee	Stanislaus River-North Fork
East Fork Walker River	Lake Sabrina	Stumpy Meadows Reservoir
Echo Lake	Lake Spaulding	Sugar Pine Reservoir
Fallen Leaf Lake	Lake Thomas A. Edison	Topaz Lake
Florence Lake	Lake Tulloch	Truckee River
French Meadows Reservoir	Lake Valley Reservoir	Tuolumne River
Fuller Lake	Lake Wildwood	Twin Lakes, Upper & Lower Twins
Grant Lake	Loon Lake	Union Valley Reservoir
Gull Lake	Lundy Lake	Upper and Lower Blue Lakes
Hell Hole Reservoir	Lyons Reservoir	Utica Reservoir
Highland Lakes	Mammoth Pool Reservoir	Virginia Lakes
Horseshoe Lake	McKays Point Reservoir	Wishon Reservoir
Hume Lake	Merced River	Wrights Lake

Total Count = 105

Motorized Boater Survey

For the Sierra region, a total of 480 registered boat owners responded to the survey. The sample of motorized recreational boaters reside across a range of counties within the region with most of the respondents residing in Placer, followed by El Dorado and Nevada (Table 2).

Participants' Characteristics & Boat Ownership

This section provides information on study participants, including information on participants' demographics, their households, and types of boats owned.

Characteristics of Online Study Participants

Survey respondents were asked a range of demographic questions. Questions included ones related to gender, age, number of adults and children in the household, income, education level, ethnicity, and primary language spoken. The demographic questions were voluntary, and over half of the respondents (approximately 53%) chose to answer these questions.

Of those who chose to disclose their gender, the overwhelming majority were males (Table 3).

The average age is 73, and the median is 74 years old (Table 4).

The number of adults and children reported in participants' household are summarized in Table 5 and Table 6, respectively.

Table 5. Number of Adults in Household

Adults	Respondents	Percent
1	25	8.2%
2	231	75.7%
3	28	9.2%
4+	21	6.9%

N = 305

Table 2. Counties Where Respondents Reside

County	Respondents	Percent
Placer	185	38.5%
El Dorado	102	21.3%
Nevada	77	16.0%
Tuolumne	32	6.7%
Calaveras	29	6.0%
Amador	24	5.0%
Mono	12	2.5%
Inyo	12	2.5%
Mariposa	5	1.0%
Alpine	2	0.4%

N = 480

Table 3. Gender of Survey Respondents

Gender	Respondents	Percent
Female	23	7.5%
Male	283	92.5%

N = 306

Table 4. Age of Survey Respondents

Age Range	Respondents	Percent
40-49	9	2.9%
50-59	27	8.8%
60-69	58	19.0%
70-79	114	37.3%
80-89	87	28.4%
Over 89	11	3.6%

N = 306

Table 6. Number of Children in Household

Children	Respondents	Percent
0	248	81.6%
1	28	9.2%
2	18	5.9%
3	9	3.0%
4+	1	0.3%

N = 304

For those responding to income-related questions, total household income and number of people contributing to household income can be found in Table 7 and Table 8, respectively.

Table 7. Total Household Income (Before Taxes)

Income Range	Respondents	Percent
under \$25,000	15	4.8%
\$50,000 - \$74,999	48	15.5%
\$25,000 - \$49,999	30	9.7%
\$75,000 - \$99,999	48	15.5%
\$100,000 - \$124,999	58	18.7%
\$125,000 - \$149,999	28	9.0%
\$150,000 - \$174,999	17	5.5%
\$175,000 - \$199,999	11	3.5%
\$200,000 or more	55	17.7%

N = 310

The majority of respondents (76.1%) have completed some form of higher education: a 2-year degree, 4-year degree, or graduate school (Table 9).

Ethnicity and primary language spoken reported by the survey respondents can be found in Table 10 and Table 11, respectively.



Table 8. Number Contributing to Household Income

Earners	Respondents	Percent
1	94	30.3%
2	209	67.4%
3+	7	2.3%

N = 310

Table 9. Participants' Highest Education Level Completed

Education Level	Respondents	Percent
Did not complete high school	5	1.6%
High School	59	19.1%
2-Year College Degree	73	23.6%
4-Year College Degree	93	30.1%
Graduate School	69	22.3%
Other	10	3.2%

N = 309

Table 10. Ethnicity of Survey Respondents

Ethnicity	Respondents	Percent
White	270	90.0%
Asian	11	3.7%
Native American	9	3.0%
Prefer not to answer	3	1.0%
Hispanic or Latino	3	1.0%
Biracial/multiracial	2	0.7%
African American	1	0.3%
Pacific Islander	1	0.3%

N = 300

Table 11. Primary Language of Survey Respondents

Primary Language	Respondents	Percent
English	306	99.0%
Other	2	0.6%
Punjabi	1	0.3%

N = 309

Boat Ownership of Study Participants

Respondents were asked how many motorized boats they own. The large majority (72.4%) indicated owning only one motorized boat (Table 12).

Respondents were also asked to identify type of boat(s) they own. Participants who owned more than one boat registered with the DMV or USCG were asked to identify which of their registered motorized boats they consider their “primary” boat (i.e., used most frequently).

Approximately 58.2% of the registered boat owners reported powerboats as their primary boat. Bass boat/jon boats were the second most frequently reported boat, followed by pontoon boats and rowboats with a motor (Table 13).

Study participants were also asked how many non-motorized boats they own (Table 14). Approximately, 50.4% of the respondents did not own a non-motorized boat, while the other 49.6% reported owning a non-motorized watercraft. Those not owning a non-motorized boat were asked if they were interested in non-motorized boating as an activity, and 50.0% indicated interest (Table 15).

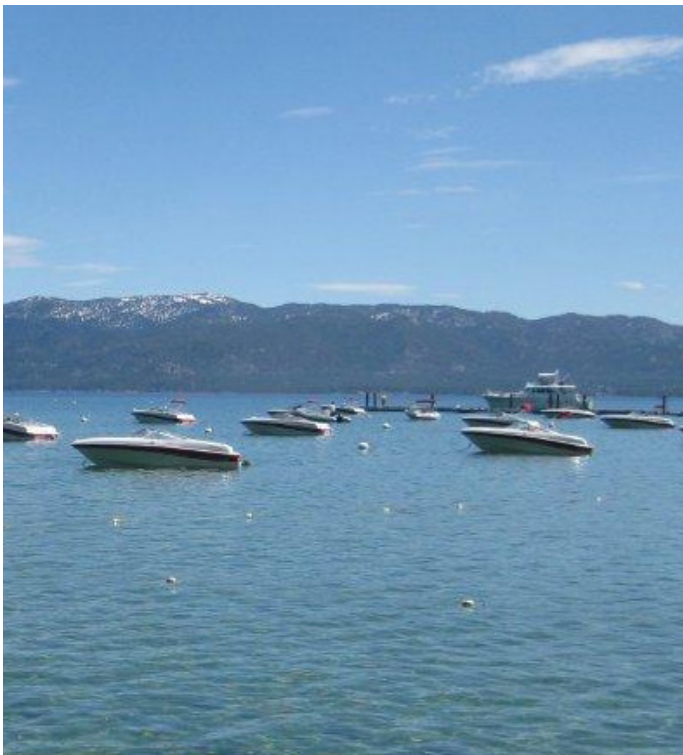


Table 12. Number of Motorized Boats Owned

Number of Boats	Respondents	Percent
1	338	72.4%
2	103	22.1%
3	22	4.7%
4	3	0.6%
5+	1	0.2%

N = 467

Table 13. Primary Motorized Boat

Types of Boats	Respondents	Percent
Powerboat	270	58.2%
Bass boat / jon boat	47	10.1%
Pontoon boat	42	9.1%
Rowboat (w/ motor)	38	8.2%
Other	21	4.5%
Cabin cruiser	17	3.7%
Sailboat (> 8 ft) w/ aux	15	3.2%
Inflatable w/ motor	9	1.9%
Houseboat	4	0.9%
Barge	1	0.2%

N = 464

Table 14. Number of Non-motorized Boats

Number of Boats	Respondents	Percent
0	242	50.4%
1	80	16.7%
2	88	18.3%
3	27	5.6%
4	23	4.8%
5+	20	4.2%

N = 480

Table 15. Interest in Non-motorized Boating Activities

Interest	Respondents	Percent
No	121	50.0%
Yes	121	50.0%

N = 242

Participants who owned more than one boat (motorized or non-motorized) were asked which boat was their “secondary” boat (i.e., used second most frequently). There was a wide range of responses with kayaks being mentioned the most frequently (Table 16).

In response to whether or not their boat was also their primary residence, the overwhelming majority of respondents (approximately 93.3%) reported “no” (Table 17).

Table 17. Boat as Primary Residence

Primary Residence	Respondents	Percent
No	444	93.3%
Yes	32	6.7%

N = 476

Table 16. Secondary Boat Types

Boat Type	Respondents	Percent
Kayak	98	35.5%
Powerboat	39	14.1%
Other	23	8.3%
Paddleboard	22	8.0%
Canoe	19	6.9%
Inflatable w/ motor	15	5.4%
Rowboat (w/ motor)	14	5.1%
Sailboat (> 8 ft) w/ aux	9	3.3%
Bass boat / jon boat	9	3.3%
Rowboat (w/o motor)	7	2.5%
Cabin cruiser	5	1.8%
Pontoon boat	5	1.8%
Sailboat (< 8 ft)	4	1.4%
Houseboat	4	1.4%
Windsurfer	2	0.7%
Kitesurfer	1	0.4%

N = 276

Non-Motorized Boater Survey

For the Sierra region, a total of 116 non-motorized boaters responded to this survey. The sample of non-motorized recreational boaters reside across a range of counties within this region (Table 18).

Participants’ Characteristics & Boat Ownership/Rentals

This section provides information on study participants, including information on participants’ demographics, their households, and types of boats owned or rented.

Characteristics of Online Study Participants

Survey respondents were asked a range of demographic questions. Questions included ones related to gender, age, number of adults and children in the household, income, education level, ethnicity, and primary language spoken. The demographic questions were voluntary and just over half of the respondents (approximately 60%) chose to answer these questions.

Table 18. Counties Where Respondents Reside

County	Respondents	Percent
Placer	43	37.1%
El Dorado	29	25.0%
Nevada	25	21.6%
Tuolumne	7	6.0%
Calaveras	5	4.3%
Mono	3	2.6%
Alpine	2	1.7%
Amador	1	0.9%
Mariposa	1	0.9%

N = 116

Of those choosing to disclose their gender, there was a relatively equal number of males (50.0%) and females (48.6%) (Table 19).

The average age is 50, and the median is 50 years old (Table 20).

The number of adults and children reported in participants' household are summarized in Table 21 and Table 22, respectively.

For those responding to income-related questions, total household income and number of people contributing to household income can be found in Table 23 and Table 24, respectively.

The majority of respondents (92.9%) reported completing some form of higher education: a 2-year degree, 4-year degree, or graduate school (Table 25).

Table 19. Gender of Survey Respondents

Gender	Respondents	Percent
Female	34	48.6%
Male	35	50.0%
Prefer not to say	1	1.4%

N = 70

Table 20. Age of Survey Respondents

Age Range	Respondents	Percent
18-29	8	11.43%
30-39	11	15.71%
40-49	12	17.14%
50-59	20	28.57%
60-69	14	20.00%
70-79	5	7.14%

N = 70

Table 21. Number of Adults in Household

Adults	Respondents	Percent
1	13	18.8%
2	43	62.3%
3	8	11.6%
4	5	7.2%

N = 69

Table 22. Number of Children in Household

Children	Respondents	Percent
0	55	79.7%
1	6	8.7%
2	5	7.2%
3	3	4.3%

N = 69

Table 23. Total Household Income (Before Taxes)

Income Range	Respondents	Percent
under \$25,000	2	2.9%
\$25,000 - \$49,999	6	8.6%
\$50,000 - \$74,999	8	11.4%
\$75,000 - \$99,999	13	18.6%
\$100,000 - \$124,999	11	15.7%
\$125,000 - \$149,999	10	14.3%
\$150,000 - \$174,999	7	10.0%
\$175,000 - \$199,999	5	7.1%
\$200,000 or more	8	11.4%

N = 70

Table 24. Number Contributing to Household Income

Earners	Respondents	Percent
1	21	30.9%
2	44	64.7%
3	3	4.4%

N = 68

Table 25. Participants' Highest Education Level Completed

Education Level	Respondents	Percent
High School	2	2.9%
2-Year College Degree	3	4.3%
4-Year College Degree	38	54.3%
Graduate School	24	34.3%
Other	3	4.3%

N = 70

Ethnicity and primary language spoken reported by survey respondents can be found in Table 26 and Table 27, respectively.

Table 26. Ethnicity of Survey Respondents

Ethnicity	Respondents	Percent
White	51	75.0%
Asian	7	10.3%
Bi/multiracial	4	5.9%
Hispanic or Latino	4	5.9%
Prefer not to say	1	1.5%
Black or African American	1	1.5%

N = 68

Table 27. Primary Language of Survey Respondents

Primary Language	Respondents	Percent
English	66	94.3%
Punjabi	2	2.9%
Other	1	1.4%
German	1	1.4%

N = 70

Boat Ownership/Rentals of Study Participants

Respondents were asked if they owned, rented, or both owned and rented non-motorized boats. The majority (76.7%) indicated owning a boat(s) (Table 28).

Those respondents owning a non-motorized watercraft were also asked how many non-motorized boats they own. Approximately, 77.4% reported owning two or more boats (Table 29).

Table 28. Own vs. Rent Boats

Number of Boats	Respondents	Percent
Both Rent and Own	17	14.7%
Own	72	62.1%
Rent	27	23.3%

N = 116

Table 29. Number of Non-motorized Boats Owned

# of Boats Owned	Respondents	Percent
1	19	22.6%
2	19	22.6%
3	16	19.0%
4	5	6.0%
5	9	10.7%
6 - 10	13	15.5%
11 or more	3	3.6%

N = 84



Respondents were also asked to identify the type of boat(s) they own. The most frequently mentioned boats include river kayaks, SUP, and ocean kayaks (touring) (Table 30).

Respondents who indicated they rented boats were also asked to identify type of boat(s) they rent. The most frequently mentioned boats include outrigger canoes, dragon boats, and SUP (Table 31).

Table 30. Boat Types Owned by Participants

Boat Type	Responses	Percent
River kayak	28	17.9%
SUP	21	13.5%
Ocean kayak (touring)	18	11.5%
Canoe	15	9.6%
Ocean kayak (sit on top)	14	9.0%
Outrigger canoe	14	9.0%
Inflatable kayak	10	6.4%
Dragon boat	6	3.8%
Whitewater raft	6	3.8%
Sailboat (<8 ft)	5	3.2%
Scull/shell	5	3.2%
Rowboat	4	2.6%
Windsurfer	4	2.6%
Prone paddleboard	3	1.9%
Dinghy/small raft	1	0.6%
Kitesurfer	1	0.6%
Surfski /surf kayak	1	0.6%
Dory	0	0.0%

Total Count = 156

Table 31. Boat Types Rented by Participants

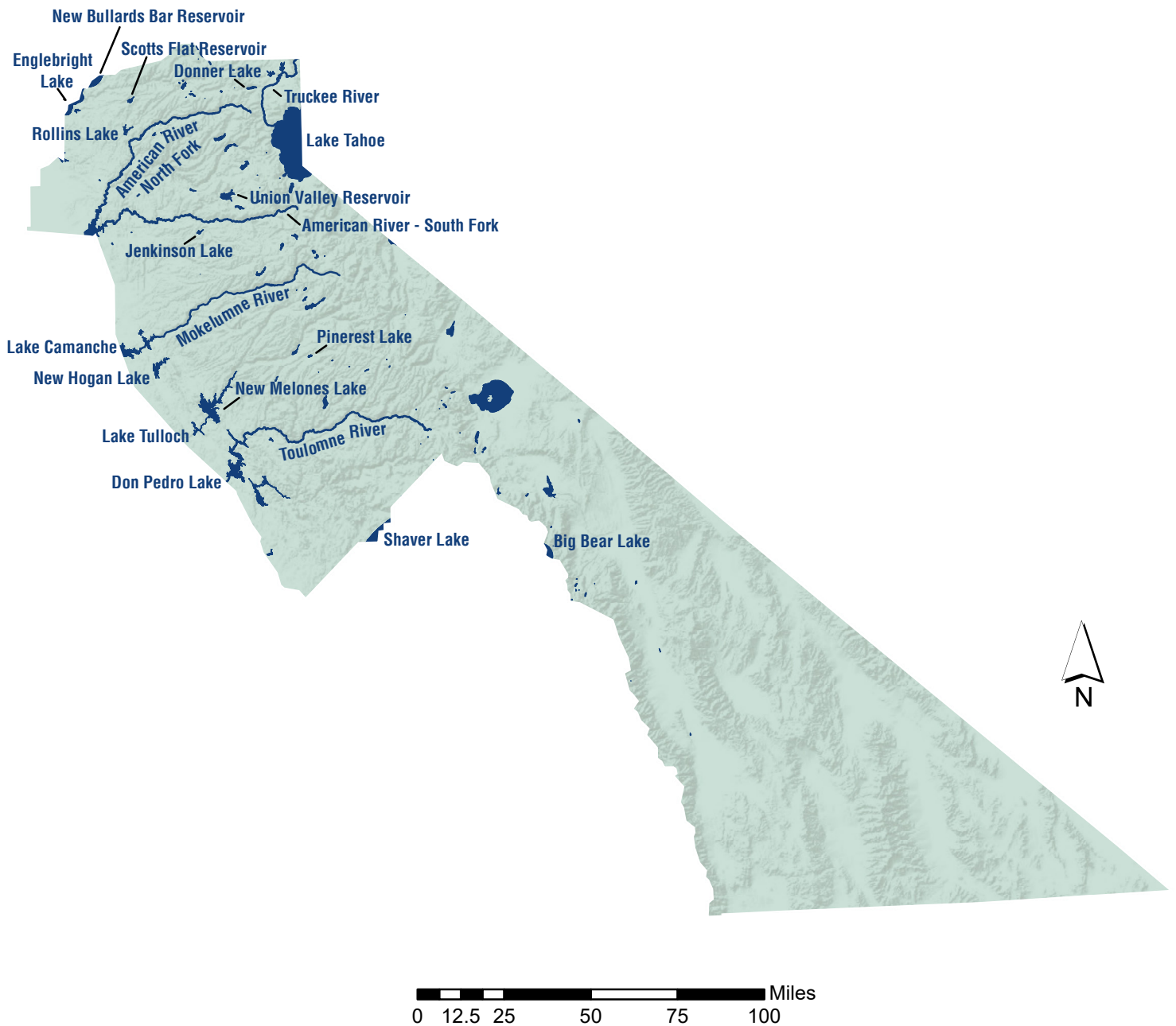
Boat Type	Responses	Percent
Outrigger canoe	17	22.7%
Dragon boat	15	20.0%
SUP	10	13.3%
Scull/shell	8	10.7%
Ocean kayak (sit on top)	6	8.0%
Canoe	5	6.7%
Sailboat (<8 ft)	3	4.0%
Inflatable kayak	2	2.7%
River kayak	2	2.7%
Rowboat	2	2.7%
Windsurfer	2	2.7%
Ocean kayak (touring)	1	1.3%
Prone paddleboard	1	1.3%
Whitewater raft	1	1.3%
Dinghy/small raft	0	0.0%
Dory	0	0.0%
Kitesurfer	0	0.0%
Surfski /surf kayak	0	0.0%

Total Count = 75



Waterways Used by Recreational Boaters

In both the motorized and non-motorized boater surveys, participants were asked to identify two waterways in California they most frequently used for recreational boating activities within the past two years (see map for waterways identified by participants as most frequented). Subsequent questions focused on aspects related to those particular waterways, including (a) what types of boats they use on the waterway and (b) perceptions of waterways' use and level of crowdedness.



Most Frequented Waterways

The following table summarizes waterways most frequently reported by motorized and non-motorized boaters (Table 32) in response to the question: *Which two waterways have you visited most frequently within the past 2 years?* To illustrate the frequency of use reported by study participants, a system of symbols is used to show the volume of responses for each body of water. The “propeller” icon represents approximately 5% of the waterways counts reported by motorized boaters for this region. For example, Lake Tahoe represents 15% (3 propellers) of those reported as most frequently visited waterways by motorized boaters. Similarly, the “paddle” icon represents approximately 5% of the waterway counts reported by non-motorized boaters. American River-South Fork represents 40% (8 paddles) of those reported as most frequently visited waterways by non-motorized boaters. The number of waterway reports, including those not listed below, can be found in Appendix A and B. **More icons equate to being identified by study participants as their preferred waterway for recreational boating.**

Table 32. Reported as Primary Waterway by Respondents

Primary Waterway	Motorized Boaters	Non-motorized Boaters
American River-South Fork		
Lake Tahoe		
Big Bear Lake		
New Melones Lake (Reservoir)		
American River-North Fork		
Pinecrest Lake		
Donner Lake		
Shaver Lake		
Don Pedro Lake		
Bullards Bar Reservoir		
Lake Camanche		
Englebright Lake		
Lake Tulloch		
Rollins Lake		
New Hogan Lake		
Scotts Flat Reservoir		
Union Valley Reservoir		
Jenkinson Lake		
Mokelumne River		
Kern River		
Truckee River		
American River-Middle Fork		
Tuolumne River		

Types of Boats on Primary Waterways

Study participants were asked which boat(s) they use most frequently on the waterway.¹ These findings are presented in Table 33 for the primary waterways in this region (those listed in Table 32 and in the same order). For each waterway, the number of reported motorized boat types and number of non-motorized reported boat types were produced. From those totals, percentages of boat types were calculated. In both motorized and non-motorized boat type columns, the top two or three boat types reported for that waterway are included; boat types with small percentages are not included. For example, powerboats represent 72% of the total number of boat types reported on Lake Tahoe. The remaining 28% include a wide range of the other possible motorized boat types. If a boating sub-population (i.e., motorized or non-motorized) did not identify a waterway as primary, boat type data are not included in the cell.

Table 33. Boat Types on Primary Waterways

Primary Waterway	Motorized Boat Types	Non-motorized Boat Types
American River-South Fork	_____	River / Inflatable Kayak (75%) White Water Raft (20%)
Lake Tahoe	Powerboat (72%)	SUP (36%) Ocean Kayak (26%) Outrigger Canoe (14%) Scull or Shell Boat (12%)
Big Bear Lake	Powerboat (56%) Pontoon Boat (26%)	_____
New Melones Lake (Reservoir)	Powerboat (55%) Bass Boat / Jon Boat (18%)	_____
American River-North Fork	_____	River / Inflatable Kayak (72%) White Water Raft (12%)
Pinecrest Lake	Rowboat w/ motor (33%) Bass Boat / Jon Boat (29%) Powerboat (19%)	SUP (57%)
Donner Lake	Powerboat (75%) Bass Boat / Jon Boat (10%) Inflatable w/ motor (10%)	Ocean Kayak (44%) SUP (39%)
Shaver Lake	Powerboat (46%) Pontoon Boat (15%)	_____
Don Pedro Lake	Powerboat (68%) Bass Boat / Jon Boat (19%)	_____
Bullards Bar Reservoir	Powerboat (79%) Bass Boat / Jon Boat (15%)	_____
Lake Camanche	Powerboat (72%) Bass Boat / Jon Boat (10%)	_____
Englebright Lake	Powerboat (57%) Bass Boat / Jon Boat (29%)	_____

¹ Motorized watercrafts include: barge, bass boat/jon boat, cabin cruiser, houseboat, inflatable with motor, pontoon boat, powerboat, PWC, rowboat with motor, sailboat (over 8 feet) with auxiliary, and others. Non-motorized watercrafts include: canoe, dory, dragon boat, inflatable kayak, kitesurfer, ocean kayak (sit on top), ocean kayak (touring), outrigger canoe, prone paddleboard, river kayak, rowboat, sailboat (under 8 feet), scull or shell boat, stand up paddleboard, surfski, whitewater raft, windsurfer, and other.

Lake Tulloch	Powerboat (63%) Pontoon Boat (30%)	_____
Rollins Lake	Powerboat (67%) Bass Boat / Jon Boat (15%)	_____
New Hogan Lake	Powerboat (65%) Bass Boat / Jon Boat (22%)	_____
Scotts Flat Reservoir	Powerboat (70%)	_____
Union Valley Reservoir	Powerboat (64%) Rowboat w/ motor (14%)	_____
Jenkinson Lake	Powerboat (68%) Pontoon Boat (16%)	_____
Mokelumne River	_____	River / Inflatable Kayak (59%) White Water Raft (18%) Ocean Kayak (14%)
Kern River	_____	River / Inflatable Kayak (48%) White Water Raft (33%)
Truckee River	_____	River / Inflatable Kayak (78%) White Water Raft (22%)
American River-Middle Fork	_____	River / Inflatable Kayak (78%)
Tuolumne River	_____	River / Inflatable Kayak (57%) Canoe (29%) White Water Raft (14%)

Motorized: Total Count of Responses = 879

Non-motorized: Total Count of Responses = 455

Perceptions of Use and Level of Crowdedness

Table 34 visually represents the perceptions of use and levels of crowdedness of motorized and non-motorized watercrafts through “propeller” and “paddle” icons for each waterway in the region (listed in alphabetical order). **In sum, more icons equate to perceptions of heavier usage and crowdedness.**

In both the motorized and non-motorized boater surveys, study participants were asked to indicate their perceptions of boat use and crowdedness of their most frequented waterways by checking one option to the question: *How would you describe the usage of [WATERWAY NAME] by **motorized** [and **non-motorized**] boaters?*



















- Extremely heavy use / over-crowding (scored as 4)
- Heavy use / frequent crowding (scored as 3)
- Moderate use / occasional crowding (scored as 2)
- Low use / rarely crowded (scored as 1)

Answers were scored from 1 (low use) to 4 (extremely heavy use). For each waterway in the region, motorized and non-motorized survey responses were combined for perceptions of watercrafts use. An average was calculated for both motorized and non-motorized watercrafts for each waterway (see Appendix C for all of the averages). By rounding the average to the nearest whole number, a waterway received a score of 1 – 4 where one icon represents a score of 1 (low use) and 4 icons represent a score of (extremely heavy use). For example, Big Bear Lake is perceived as having ‘moderate use/occasional crowding’ for motorized watercrafts (2 propellers) and ‘moderate use/occasional crowding’ for non-motorized watercrafts (2 paddles).

Table 34. Perceptions of Use/Crowdedness

Waterway	Watercrafts
American River-Middle Fork	
American River-North Fork	
American River-South Fork	
Bear River	
Bear River Reservoir	
Beardsley Reservoir	
Big Bear Lake	
Boca Reservoir	
Bridgeport Reservoir	
Bullards Bar Reservoir	
Camp Far West Lake	
Caples Lake	
Cherry Lake	
Convict Lake	
Cosumnes River	
Courtright Reservoir	
Crowley Lake	
Don Pedro Lake	
Donner Lake	
East Fork Carson River	
East Fork Walker River	
Echo Lake	
Englebright Lake	
Fallen Leaf Lake	
French Meadows Reservoir	
Fuller Lake	
Grant Lake	
Gull Lake	
Hell Hole Reservoir	
Highland Lakes	
Hume Lake	
Huntington Lake	
Ice House Reservoir	
Indian Creek Reservoir	
Jackson Meadows Reservoir	

Waterway	Watercrafts
Jenkinson Lake	
June Lake	
Kern River	
Kidd Lake	
Kings River	
Klondike Lake	
Lake Alpine	
Lake Amador	
Lake Arrowhead	
Lake Camanche	
Lake Clementine	
Lake George	
Lake Mary	
Lake Pardee	
Lake Sabrina	
Lake Spaulding	
Lake Tahoe	
Lake Thomas A. Edison	
Lake Tulloch	
Lake Valley Reservoir	
Lake Wildwood	
Loon Lake	
Mammoth Pool Reservoir	
Merced River	
Mokelumne River	
Mono Lake	
New Hogan Lake	
New Melones Lake (Reservoir)	
New Spicer Meadow Reservoir	
Pine Mountain Lake	
Pincrest Lake	
Prosser Creek Reservoir	
Rock Creek Lake	
Rollins Lake	
Saddlebag Lake	

Waterway	Watercrafts
Salt Spring Reservoir	
Schaads Reservoir	
Scotts Flat Reservoir	
Shaver Lake	
Silver Lake-Amador	
Silver Lake-Mono	
Stanislaus River-North Fork	
Stumpy Meadows Reservoir	
Sugar Pine Reservoir	
Topaz Lake	
Truckee River	
Tuolumne River	
Union Valley Reservoir	
Upper and Lower Blue Lakes	
Utica Reservoir	
Virginia Lakes	
Wishon Reservoir	
Wrights Lake	

Total Count of Responses = 1,107

Facility Needs, Issues, & Reasons for Visiting

In this section, facility needs and boating issues from the perspectives of motorized and non-motorized boaters are summarized, along with reasons they visit particular waterways. This section concludes with facility needs and boating issues from the perspectives of facility owners/managers and law enforcement agents who completed the surveys.

Facility Needs: Recreational Boater Perspectives

In both the motorized and non-motorized boater surveys, study participants were asked to respond to the following question for their most frequented waterways: *Please check all of the facilities and services that either need to be improved upon and/or added to [WATERWAY NAME] for **motorized** boats [and **non-motorized**] (check all that apply).*²

Findings are summarized in Table 35 for primary waterways in this region (those listed in Table 32 and in the same order). For each waterway, the number of reported facility needs for both motorized and non-motorized boats were produced. From those totals, percentages of the various needs were calculated. For shared, motorized, and non-motorized needs columns, the top three or four needs reported for that waterway are included; needs with small percentages are not included. If a boating subpopulation (i.e., motorized or non-motorized) did not identify a waterway as primary or indicate a need, data are not included in the cell. Facility need data for all waterways in this region can be found in Appendix D for motorized boaters and Appendix E for non-motorized boaters. Additional comments from survey participants regarding facility needs can be found in Appendix F.

Table 35. Facility Needs on Primary Waterways

Primary Waterway	Shared Facility Needs	Motorized Facility Needs	Non-motorized Facility Needs
American River-South Fork	Parking (32%) Boating Access (23%) Restrooms (18%)	_____	Boat-In Campsites (20%) Take-Out Spots (18%) Launch Spots (by hand) (17%)
Lake Tahoe	Parking (38%) Boating Access (29%) Restrooms (14%)	Launch Ramps (31%) Day Docks (short-term) (14%) Landings/Boat-In Sites (12%)	Launch Spots (by hand) (40%) Boat-In Campsites (21%) Boat-In Day-Use Areas (16%)
Big Bear Lake	Parking (32%) Restrooms (25%) Boating Access (14%)	Day Docks (short-term) (17%) Launch Ramps (16%) Fish Cleaing Stations (12%)	Launch Spots (by hand) (50%) Boat-In Campsites (20%) Boat-In Day-Use Areas (20%)
New Melones Lake (Reservoir)	_____	Launch Ramps (32%) Fish Cleaning Stations (19%) Landings/Boat-In Sites (12%)	Access to Fresh Water (50%) Boat-In Campsites (25%) Launch Spots (by hand) (25%)
American River-North Fork	Parking (43%) Restrooms (29%) Emergency Services (14%)	_____	Launch Spots (by hand) (33%) Access to Fresh Water (33%) Launch Spots (by other ways) (17%) Take-Out Spots (17%)

² Shared facility need options include: boating access, parking, restrooms, showers, supply stores, emergency services, and navigation aids. Motorized facility needs include: boarding floats, day docks (short-term dockage), dry storage, fish cleaning stations, floating docks/piers, landings/boat-in sites, launch ramps, marinas (slips), marine service & repairs, mooring fields, pump-out stations, transient facilities/tie-ups, utilities, and other. Non-motorized facility needs include: landings, boat-in campsites, boat-in day-use areas, launch spots (by hand), access to fresh water, launch spots (by other ways e.g., trailer), take-out spots, rinse station (boats/gear), boat storage, security, personal storage, campgrounds, garbage cans, and other.

Pinecrest Lake	Parking (52%) Navigation Aids (24%) Showers (12%)	Day Docks (short-term) (21%)	Launch Spots (by hand) (40%) Boat-In Day-Use Areas (20%)
Donner Lake	Parking (42%) Boating Access (19%) Restrooms (14%) Showers (14%)	_____	Launch Spots (by hand) (35%) Landings (17%) Boat-In Campsites (13%)
Shaver Lake	Restrooms (38%) Parking (36%) Boating Access (10%) Navigation Aids (10%)	Fish Cleaning Stations (41%) Day Docks (short-term) (25%) Launch Ramps (13%)	Launch Spots (by hand) (50%) Boat-In Campsites (25%) Access to Fresh Water (25%)
Don Pedro Lake	Restrooms (32%) Showers (18%) Boating Access (14%) Parking (14%)	Floating Docks/Piers (22%) Launch Ramps (22%) Day Docks (short-term) (17%) Landings/Boat-In Sites (17%)	Boat-In Campsites (40%) Boat-In Day-Use Areas (20%) Launch Spots (by hand) (20%) Access to Fresh Water (20%)
Bullards Bar Reservoir	Parking (36%) Restrooms (20%)	Landings/Boat-In Sites (22%) Day Docks (short-term) (16%) Fish Cleaning Stations (11%) Launch Ramps (11%)	_____
Lake Camanche	Restrooms (24%) Navigation Aids (20%) Boating Access (16%) Parking (16%)	Day Docks (short-term) (13%) Launch Ramps (13%)	Launch Spots (by hand) (44%) Boat-In Campsites (33%) Boat-In Day-Use Areas (11%) Access to Fresh Water (11%)
Englebright Lake	Parking (41%) Restrooms (23%) Showers (18%)	Launch Ramps (30%) Day Docks (short-term) (20%) Fish Cleaning Stations (15%) Landings/Boat-In Sites (15%)	Landings (33%) Boat-In Day-Use Areas (33%) Launch Spots (by hand) (33%)
Lake Tulloch	Restrooms (36%) Parking (32%) Boating Access (20%)	Day Docks (short-term) (24%) Launch Ramps (16%)	Launch Spots (by hand) (50%) Boat-In Day-Use Areas (25%) Access to Fresh Water (25%)
Rollins Lake	Parking (43%) Boating Access (19%) Restrooms (14%)	Day Docks (short-term) (20%) Fish Cleaning Stations (20%) Marinas (slips) (16%)	Launch Spots (by hand) (50%) Access to Fresh Water (50%)
New Hogan Lake	Supply Stores (33%) Restrooms (25%) Showers (13%) Emergency Services (13%)	_____	Boat-In Day-Use Areas (33%) Launch Spots (by hand) (33%) Boat-In Campsites (17%) Access to Fresh Water (17%)
Scotts Flat Reservoir	Boating Access (37%) Parking (21%) Navigation Aids (16%)	Floating Docks/Piers (29%) Launch Ramps (14%) Marinas (slips) (14%) Mooring Fields (14%)	Launch Spots (by hand) (50%) Landings (17%) Boat-In Day-Use Areas (17%) Access to Fresh Water (17%)
Union Valley Reservoir	Parking (23%) Boating Access (17%) Navigation Aids (17%)	Day Docks (short-term) (21%) Fish Cleaning Stations (18%) Launch Ramps (18%)	Launch Spots (by Hand) (50%) Boat-In Campsites (20%) Boat-In Day-Use Areas (20%)

Jenkinson Lake	Parking (38%) Restrooms (31%) Boating Access (23%)	Day Docks (short-term) (21%) Fish Cleaning Stations (21%) Floating Docks/Piers (16%)	Launch Spots (by hand) (80%) Access to Fresh Water (20%)
Mokelumne River	Restrooms (32%) Boating Access (23%) Parking (23%)	_____	Launch Spots (by hand) (26%) Access to Fresh Water (26%) Landings (16%) Take-Out Spots (16%)
Kern River	Restrooms (46%) Parking (23%) Boating Access (12%) Showers (12%)	_____	Launch Spots (by hand) (33%) Take-Out Spots (27%) Landings (13%) Access to Fresh Water (13%)
Truckee River	Parking (31%) Boating Access (23%) Restrooms (15%) Showers (15%)	_____	Landings (18%) Boat-In Campsites (18%) Launch Spots (by hand) (18%) Take-Out Spots (18%) Boat Storage (18%)
American River-Middle Fork	Parking (30%) Restrooms (30%) Boating Access (20%)	_____	Boat-In Campsites (44%) Boat-In Day-Use Areas (22%) Take-Out Spots (22%)
Tuolumne River	Boating Access (33%) Emergency Services (33%) Parking (17%) Restrooms (17%)	_____	Take-Out Spots (38%) Boat-In Campsites (25%) Launch Spots (by hand) (25%)

Shared Facility Needs: Total Count of Responses = 699

Motorized Facility Needs: Total Count of Responses = 575

Non-motorized Facility Needs: Total Count of Responses = 448

Main Issues: Recreational Boater Perspectives

In both the motorized and non-motorized boater surveys, study participants were asked to respond to the following question for their most frequented waterways "What are the biggest problems you have experienced at [WATERWAY NAME]? (Check up to three)."³

Findings are summarized in Table 36 for the primary waterways in this region (those listed in Table 32 and in the same order). For each waterway, the number of reported issues/problems for motorized and non-motorized boaters were produced. From those totals, percentages of the various issues were calculated. For motorized and non-motorized issues columns, the top three or four problems reported for that waterway are included; problems with small percentages are not included. If a boating subpopulation (i.e., motorized or non-motorized) did not identify a waterway as primary or indicate an issue, data are not included in the cell. Problems/issues data for all waterways in this region can be found in Appendix G for motorized boaters and Appendix H for non-motorized boaters.

Table 36. Issues on Primary Waterways

Primary Waterway	Motorized Boater Perspective	Non-motorized Boater Perspective
American River-South Fork	_____	Overcrowding (38%) Lack of Parking (25%) Have Not Experienced Any Problems (11%)
Lake Tahoe	Lack of Parking (19%) High Facility Use Fee (16%) Have Not Experienced Any Problems (13%)	Lack of Parking (25%) Issues with Motorized Boaters (23%) Reckless PWC Operators (16%)
Big Bear Lake	Insufficient Water Depth (28%) Reckless PWC Operators (12%)	Have Not Experienced Any Problems (40%) Poor Ramp Condition (20%) Issues with Motorized Boaters (20%) Difficult to Access Waterway (20%)
New Melones Lake (Reservoir)	Insufficient Water Depth (35%) Poor Ramp Condition (14%) Have Not Experienced Any Problems (14%)	_____
American River-North Fork	_____	Lack of Parking (46%) Poor Road Access (31%)
Pinecrest Lake	Lack of Parking (27%) Overcrowding (27%) Have Not Experienced Any Problems (21%)	Overcrowding (44%) Lack of Parking (22%) Difficult to Access Waterway (22%)
Donner Lake	Overcrowding (23%) Lack of Parking (20%) Reckless PWC Operators (17%)	_____
Shaver Lake	Have Not Experienced Any Problems (26%) Reckless PWC Operators (21%) Overcrowding (14%)	Have Not Experienced Any Problems (100%)

³ Problems/issue options include: lack of parking, overcrowding, reservations required, poor ramp condition, poor water quality, poor road access, floating debris, issues with motorized boaters, reckless PWC operators, issues with non-motorized boaters, issues with shipping vessels, excessive/rude law enforcement, lack of law enforcement, invasive species, high facility use fee, insufficient water depth, difficult to access waterway, other, and I have not experienced problems at this waterway.

Don Pedro Lake	Have Not Experienced Any Problems (20%) Reckless PWC Operators (17%) Overcrowding (15%)	Reckless PWC Operators (100%)
Bullards Bar Reservoir	Have Not Experienced Any Problems (24%) Lack of Parking (20%) Floating Debris (13%) Insufficient Water Depth (13%)	_____
Englebright Lake	Have Not Experienced Any Problems (27%) Overcrowding (20%) Reckless PWC Operators (17%)	Lack of Parking (50%) Difficult to Access Waterway (50%)
Lake Tulloch	Overcrowding (33%) Reckless PWC Operators (16%) Issues with Motorized Boaters (14%)	_____
Rollins Lake	Overcrowding (27%) Reckless PWC Operators (19%) Have Not Experienced Any Problems (19%)	_____
Scotts Flat Reservoir	Lack of Parking (29%) High Facility Use Fee (18%) Insufficient Water Depth (18%)	Overcrowding (100%)
Union Valley Reservoir	Lack of Parking (18%) Reservations Required (15%) Have Not Experienced Any Problems (15%)	Lack of Parking (100%)
Jenkinson Lake	Have Not Experienced Any Problems (41%) High Facility Use Fee (24%) Overcrowding (12%)	Overcrowding (40%) Issues with Motorized Boaters (20%) Difficult to Access Waterway (20%) Have Not Experienced Any Problems (20%)
Mokelumne River	_____	Lack of Parking (30%) Have Not Experienced Any Problems (25%) Lack of Law Enforcement (20%)
Kern River	_____	Lack of Parking (33%) Floating Debris (20%)
Truckee River	_____	Have Not Experienced Any Problems (56%) Lack of Parking (33%) Difficult to Access Waterway (11%)
American River-Middle Fork	_____	Have Not Experienced Any Problems (38%) Difficult to Access Waterway (25%)
Tuolumne River	_____	Poor Road Access (22%) Difficult to Access Waterway (22%)

Motorized Perspective: Total Count of Responses = 817

Non-motorized Perspective: Total Count of Responses = 325

Reasons for Visiting Waterways: Recreational Boater Perspectives

The motorized and non-motorized study participants were asked to respond to the following questions for their most frequented waterways: *What are the top reasons you visit [WATERWAY NAME]? (Check up to three).*⁴

Findings are summarized in Table 37 for the primary waterways in this region (those listed in Table 32 and in the same order). For each waterway, the number of reported reasons for both motorized and non-motorized boaters were produced. From those totals, percentages of the various reasons were calculated. For motorized and non-motorized reasons columns, the top three or four reasons reported for that waterway are included; reasons with small percentages are not included. If a boating subpopulation (i.e., motorized or non-motorized) did not identify a waterway as primary or indicate a reason, data are not included in the cell.

Table 37. Reasons for Boating Primary Waterways

Primary Waterway	Motorized Boater Reasons	Non-motorized Boater Reasons
American River-South Fork	_____	Close to Home (30%) Scenery / Natural Beauty (30%) Good Whitewater (13%)
Lake Tahoe	Scenery / Natural Beauty (37%) Large Water Area (25%) Close to Vacation Home or Camp (19%)	Scenery / Natural Beauty (42%) Close to Home (22%) Close to Vacation Home or Camp (9%) No Fees (9%)
Big Bear Lake	Scenery / Natural Beauty (28%) Close to Vacation Home or Camp (21%) Close to Home (20%)	Close to Home (29%) No Fees (29%) Scenery / Natural Beauty (29%)
American River-North Fork	_____	Scenery / Natural Beauty (42%) Close to Home (26%) Good Whitewater (19%)
Pinecrest Lake	Scenery / Natural Beauty (24%) Close to Home (17%) Good Fishing (17%)	Scenery / Natural Beauty (36%) Close to Vacation Home or Camp (18%) No Fees (18%)
Donner Lake	Close to Home (22%) Close to Vacation Home or Camp (22%) Good Fishing (17%) Scenery / Natural Beauty (17%)	Scenery / Natural Beauty (41%) Close to Vacation Home or Camp (24%) Close to Home (18%)
Shaver Lake	Scenery / Natural Beauty (21%) Close to Home (19%) Good Fishing (18%)	Close to Home (50%) Scenery / Natural Beauty (50%)
Don Pedro Lake	Large Water Area (29%) Good Fishing (21%) Close to Home (14%)	Close to Vacation Home or Camp (100%)
Bullards Bar Reservoir	No Fees (16%) Scenery / Natural Beauty (16%) Large Water Area (15%)	_____

⁴ Reasons options include: close to home, good camping, good facilities, good fishing, close to vacation home or camp, not crowded, no fees, no restrictions, scenery, natural beauty, warm water, large water area, and other. The additional reasons emerged for the non-motorized boaters: few motorized boats, good whitewater, reliable releases, regattas, good wind, and club site.

Lake Camanche	Close to Home (31%) Large Water Area (22%) Good Fishing (12%) Scenery / Natural Beauty (12%)	_____
Englebright Lake	Close to Home (38%) Good Fishing (21%) Scenery / Natural Beauty (18%)	Close to Home (40%) Good Camping (20%) Good Facilities (20%) Not Crowded (20%)
Lake Tulloch	Close to Home (35%) Scenery / Natural Beauty (16%) Good Fishing (12%) Warm Water (12%)	_____
Rollins Lake	Close to Home (43%) Scenery / Natural Beauty (20%) Large Water Area (10%)	_____
New Hogan Lake	Close to Home (27%) Good Camping (16%) Scenery / Natural Beauty (10%) Warm Water (10%)	_____
Scotts Flat Reservoir	Close to Home (31%) Scenery / Natural Beauty (21%) Good Camping (15%)	Close to Home (50%) Close to Vacation Home or Camp (50%)
Union Valley Reservoir	Good Camping (21%) Close to Home (15%) Scenery / Natural Beauty (13%)	Close to Home (50%) Good Camping (50%)
Jenkinson Lake	Close to Home (35%) Scenery / Natural Beauty (31%)	Close to Home (50%) Warm Water (33%) Scenery / Natural Beauty (17%)
Mokelumne River	_____	Scenery / Natural Beauty (32%) Close to Home (29%) Not Crowded (18%)
Kern River	_____	Close to Home (33%) Scenery / Natural Beauty (33%) Good Whitewater (13%)
Truckee River	_____	Scenery / Natural Beauty (40%) Close to Home (30%) Not Crowded (20%)
American River-Middle Fork	_____	Scenery / Natural Beauty (31%) Close to Home (19%) Not Crowded (19%)
Tuolumne River	_____	Scenery / Natural Beauty (44%) Not Crowded (22%)

Motorized Reasons: Total Count of Responses = 1,052

Non-motorized Reasons: Total Count of Responses = 393

Facility Needs: Facility & Law Enforcement Perspectives

In the facility survey, facility owners/managers were asked to identify facility needs on the waterway where their respective facility was located. Law enforcement officers were also requested to provide similar information about the waterway(s) within their areas of responsibility. These findings are summarized in Table 38. Law enforcement responses are noted with “LE” before the comment; all other comments are from facility managers/owners.

Table 38. Facility Needs: Facility & Law Enforcement Surveys

Waterway	Facility and Law Enforcement Perspectives
American River-North Fork	Carry down paths (non-motorized)
American River-North Fork	Carry down paths (non-motorized)
American River-North Fork	Carry down paths (non-motorized)
Camp Far West Lake	LE: Remove rock / island hazards at Camp Far West Lake. Dredging the lake bottom at low water level and removing the prominent rock formations and islands would help on the grounding issues. Increase funding to allow overtime during peak boating season and for special details.
Donner Lake	LE: Storage for patrol boat on the Lake, Fueling for patrol boat on the Lake, Routine maintenance during summer months without taking boat out of service. Personnel for consistent patrols. Training above and beyond basic operation.
Englebright Lake	LE: Ramps, Parking lot lighting, Navigation markers, Money for staffing
Englebright Lake	LE: Proactive Park Rangers identifying potential safety concerns and communicating with visitors explaining rules/regulations. Radio Communication, keep in contact with staff and emergency responses systems/personnel. Safety gear, keep staff safe, comfortable, prepared, and ready to act.
Feather River-North Fork	LE: Improve boat ramp / dock on the Feather River.
Jackson Meadows Reservoir	LE: More parking for trailers, Easier launching locations, More restrooms
Kings River	Floating docks / piers, Parking for vehicles / trailers, Pump-out stations, Utilities, Boat-in day use area (non-motorized), Boating access (non-motorized), Carry down paths (non-motorized), Hand launch ramps (non-motorized), Landings (non-motorized), Parking (non-motorized), Take-out spots (non-motorized).
Lake Camanche	LE: More enforcement. More financial aid for additional Deputies. We deploy one deputy per boat, two should be deployed for officer safety More financial aid for Dive and Boat Operator Training. Tow vehicles.
Lake Clementine	Carry down paths (non-motorized).
Lake Clementine	LE: Parking / access restrictions, Loading Ramp repairs, Marina repairs. Attempts to improve the aged and degrading access facilities have been difficult, because the steep canyons make accessible facilities cost and design prohibitive. With the recent increases in non-motorized use it should be considered to reevaluate the historic predominant use of motorized vessels and facilities. Maintaining public safety during popular visitation periods is impractical without some form of curtailment or restriction of motorized use and access.
Lake Tahoe	Boarding floats, Boating access, Day docks (short-term dockage), Launch ramps, Marinas (slips), Mooring fields, Parking for vehicles / trailers, Carry down paths (non-motorized), Launch ramps (for small trailers) (non-motorized), Parking (non-motorized), Take-out spots (non-motorized).

Lake Tahoe	Boarding floats, Boating access, Day docks (short-term dockage), Dry Storage, Emergency Services, Fish cleaning stations, Floating docks / piers, Landings / boat-in sites, Launch ramps, Marinas (slips), Marine service & repairs, Mooring fields, Navigation aids (buoys, markers), Parking for vehicles / trailers, Pump-out stations, Restrooms, Showers, Supply stores, Transient facilities / tie-ups, Utilities, Access to fresh water (non-motorized) Boat-in campsites (non-motorized), Boat-in day use area (non-motorized), Boating access (non-motorized), Carry down paths (non-motorized), Emergency Servicess (non-motorized), Hand launch ramps (non-motorized), Landings (non-motorized), Launch ramps (for small trailers) (non-motorized), Navigation aids (buoys, markers) (non-motorized), Parking (non-motorized), Restrooms (non-motorized), Showers (non-motorized), Supply stores (non-motorized), Take-out spots (non-motorized).
Lake Tahoe	Boarding floats, Boating access, Day docks (short-term dockage), Dry Storage, Floating docks / piers, Launch ramps, Marinas (slips), Marine service & repairs, Mooring fields, Parking for vehicles / trailers, Transient facilities / tie-ups, Utilities, Launch ramps (for small trailers) (non-motorized), Parking (non-motorized), Take-out spots (non-motorized).
Lake Tahoe	Boarding floats, Boating access, Day docks (short-term dockage), Dry Storage, Floating docks/piers, Marine service & repairs, Mooring fields, Restrooms.
Lake Tahoe	Day docks (short-term dockage), Dry Storage, Floating docks / piers, Launch ramps, Navigation aids (buoys, markers), Parking for vehicles / trailers, Restrooms.
Lake Tahoe	Landings / boat-in sites, Carry down paths (non-motorized), Landings (non-motorized), Launch ramps (for small trailers) (non-motorized), Parking (non-motorized), Take-out spots (non-motorized).
Lake Tahoe	Launch ramps, Navigation aids (buoys, markers), Restrooms, Showers, Carry down paths (non-motorized), Launch ramps (for small trailers) (non-motorized), Parking (non-motorized), Take-out spots (non-motorized).
Lake Tulloch	LE: Drifters Cove: More enforcement activity needed.
New Hogan Lake	Boarding floats, Boat Camping, Boating access, Fish cleaning stations, Floating docks / piers, Launch ramps, Navigation aids (buoys, markers), Parking for vehicles / trailers, Restrooms, Showers, Access to fresh water (non-motorized) Boat-in campsites (non-motorized), Boating access (non-motorized), Navigation aids (buoys, markers) (non-motorized), Parking (non-motorized), Restrooms (non-motorized), Showers (non-motorized).
Saddlebag Lake	Launch ramps, Showers, Launch ramps (for small trailers) (non-motorized).
Shaver Lake	LE: Additional parking facilities and navigation aids.
Truckee River	Carry down paths (non-motorized), Parking (non-motorized), Restrooms (non-motorized).
Wishon Reservoir	Carry down paths (non-motorized).
Yuba River	Fish cleaning stations, Parking for vehicles/trailers, Restrooms, Boat-in day use area (non-motorized), Parking (non-motorized), Restrooms (non-motorized), Cellular Reception could be better.

N = 27

Main Issues: Facility & Law Enforcement Perspectives

In the facility survey, facility owners/managers were asked to identify boating issues on the waterway where the facility was located. Law enforcement officers were also requested to provide similar information about the waterway(s) within their areas of responsibility. These findings are summarized in Table 39. Law enforcement responses are noted with “LE” before the comment.

Table 39. Issues/Problems: Facility & Law Enforcement Surveys

Waterway	Facility and Law Enforcement Perspectives
American River-South Fork	Lack of parking, Poor ramp condition.
Big Bear Lake	Insufficient water depth.
Big Bear Lake	Insufficient water depth, Poor water quality.
Bullards Bar Reservoir	Insufficient water depth, Lack of parking, Floating debris, Vandalism of parked cars.
Camp Far West Lake	LE: This lake is accessed by local residents and people from Lincoln, Roseville, Rocklin, Sacramento areas. The lake allows PWC race courses, drag boat races, and has a large amount of low water level hazards.
Cherry Lake	Insufficient boating access, Poor ramp condition, Reckless PWC operators.
Crowley Lake	No problems.
Englebright Lake	LE: Mid Lake between Longs Point camp sites and Singles camp sites. High levels of use and steep canyon walls/rock formations.
Gull Lake	No problems.
Hume Lake	Lack of parking.
Jenkinson Lake	Insufficient water depth, Lack of parking, Overcrowding, Lack of law enforcement.
Kings River	Lack of parking, Poor ramp conditions, Lack of restrooms.
Lake Camanche	LE: Near Marina: Constant reckless operation citations issued.
Lake Clementine	LE: The lake is formed by a small Army Corps of Engineers sediment dam which has flooded a small portion of a steep walled canyon of the North Fork American River. The navigable portion of Lake Clementine is approximately 2.5 miles long, consisting of a series of closely spaced sharp bends. The waterway is only about 500 feet wide on average. The most popular activities are water skiing/wake boarding, fishing, paddleboarding/kayaking, and boat-in shore camping. The conflicts between all of these activities are exacerbated by the narrow confines of the canyon. Recreational power boating activities are practically impossible to conduct strictly within the confines of safe boating practices and regulations.
Lake Sabrina	Lack of parking.
Lake Tahoe	Insufficient water depth, Invasive species, Lack of parking.
Lake Tahoe	Insufficient water depth, Lack of parking, Overcrowding, Insufficient boating access, Lack of useable boat ramps.
Lake Tahoe	Invasive species, Lack of parking, Insufficient boating access.
Lake Tulloch	LE: Drifters Cove: Constant complaints and enforcement encounters.
Shaver Lake	LE: High volume of traffic around the areas creating increased violations.

N = 20

Forecasts for Registered Recreational Motorized Boats

In this section, forecasts of registered recreational motorized boats for this region are provided. Forecasts include total number of boats, boats by propulsion type, and boats by length. Methods used in deriving these forecasts are described in *Volume II: Methods*. Data used in generating these forecasts are from the DMV for 2012, 2014, and 2016.⁵ In the figures, the actual data from the DMV used to generate forecasts are in blue, while forecasts are in yellow. These numbers are also found in Tables 40 and 41. The overall trend illustrates a decrease in the number of registered recreational motorized boats regardless of propulsion type and length (with the exception of boats 40-59 feet in length), and the forecasts reflect a continued decline in the number of registered recreational motorized boats over the next four years.

Figure 1. Total Number of DMV-Registered Motorized Boats

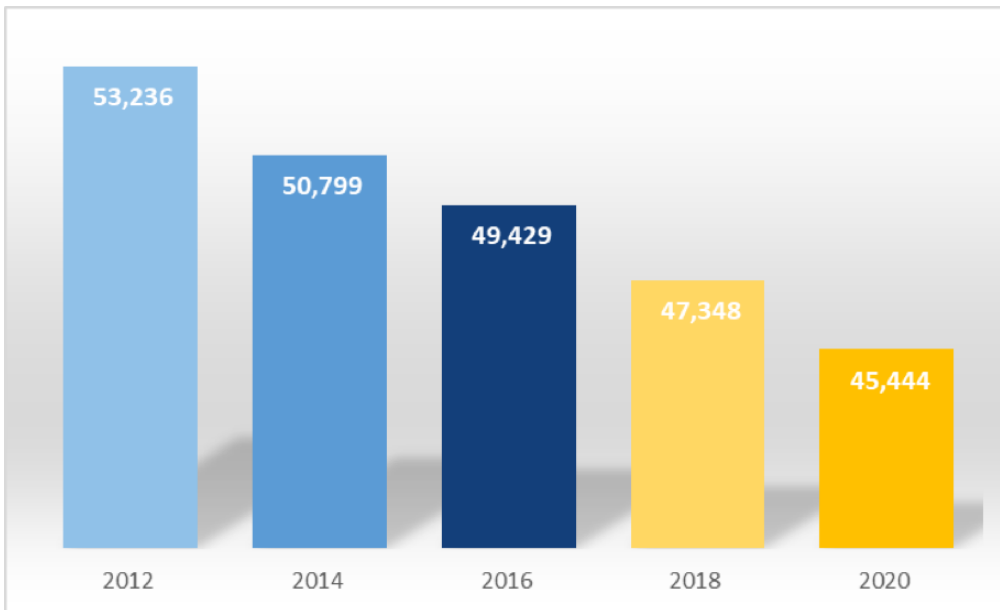
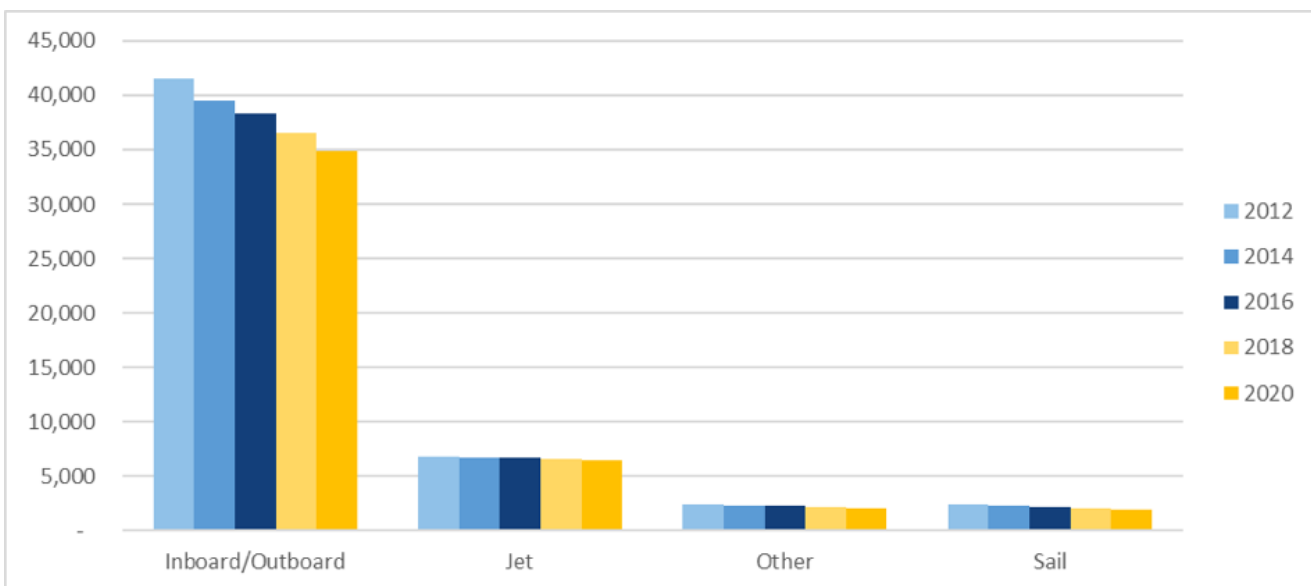


Figure 2. Motorized Boats by Propulsion Type



⁵ Please note that the USCG data are not included in these analyses, because the USCG could not provide the data. Historically, approximately 3.5% of the total number of boats registered in the state of California are registered with the DMV.

Table 40. Motorized Boat by Propulsion (Figure 2)

Propulsion Type	2012	2014	2016	2018	2020
Inboard/ Outboard	41,532	39,502	38,263	36,497	34,862
Jet	6,871	6,668	6,696	6,570	6,483
Other	2,431	2,348	2,275	2,195	2,117
Sail	2,402	2,281	2,193	2,083	1,979
TOTAL	53,236	50,799	49,429	47,348	45,444

Actual Values: 2012, 2014, 2016

Forecasted Values: 2018, 2020

Figure 3. Motorized Boats by Length (Less than 26 feet)

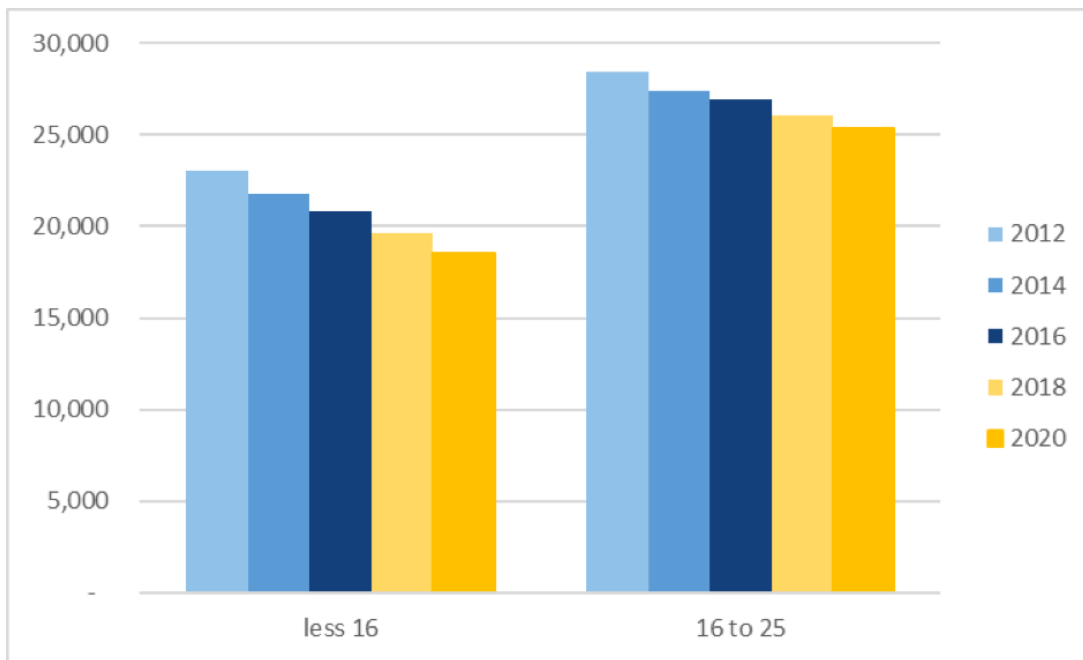


Figure 4. Motorized Boats by Length (Greater than or equal to 26 feet)

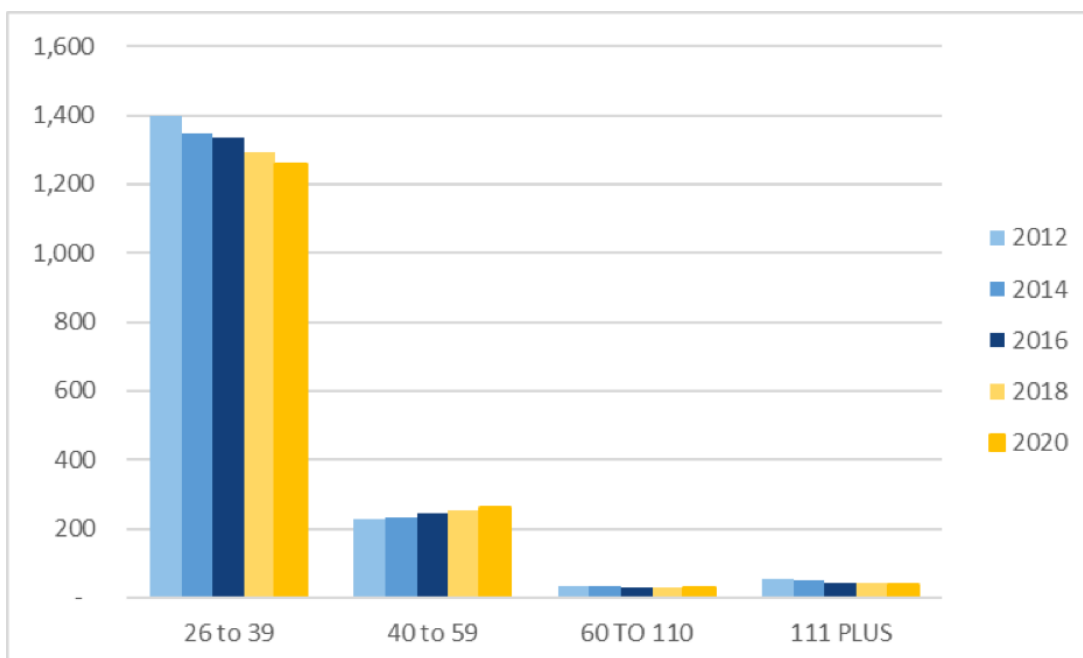


Table 41. Motorized Boat by Length (Figures 3 and 4)

Length in Feet	2012	2014	2016	2018	2020
less than 16	23,058	21,773	20,834	19,664	18,552
16 to 25	28,463	27,362	26,942	26,068	25,308
26 to 39	1,400	1,346	1,333	1,294	1,258
40 to 59	228	233	245	252	261
60 to 110	34	34	31	30	29
111 or more	53	51	44	40	36
TOTAL	53,236	50,799	49,429	47,348	45,444

Actual Values: 2012, 2014, 2016

Forecasted Values: 2018, 2020

In *Volume II: Methods*, a description of the boating facility database is provided. Table 42 summarizes total counts of the different facility types in this region.¹ Facilities are also listed by waterways in Appendix I.

Motorized and non-motorized boater study participants for were asked where they launch their boats, and these findings are presented in Appendix J.

Table 42. Existing Boating Facilities & Access

Facility Type	Number in Region
Boat Launch	128
Dry Storage	33
Marina	71
Mooring Field	16
Aquatic Center/BISC	0
Boating Access	39
Fuel Dock	0
Landing/Boat-In Sites	5
Marine Services/Repair	0
SSR Facility	4
Yacht Club	2

Total Count = 298

¹As discussed in *Volume II: Methods*, not all facilities and boating access points are captured in this database. In the recommendations section of *Volume III: Statewide*, the research team recommends DBW be responsible for updating the database on an ongoing basis.

Appendices

Appendix A. Preferred Waterway Reported by Motorized Boaters

Waterway	Motorized Count
Bear River Reservoir	6
Beardsley Reservoir	16
Big Bear Lake	54
Big Reservoir	1
Boca Reservoir	6
Bridgeport Reservoir	4
Bullards Bar Reservoir	34
Camp Far West Lake	12
Caples Lake	7
Cherry Lake	5
Convict Lake	10
Courtright Reservoir	10
Crowley Lake	14
Don Pedro Lake	47
Donner Lake	20
Echo Lake	4
Englebright Lake	28
Fallen Leaf Lake	1
French Meadows Reservoir	4
Fuller Lake	4
Grant Lake	1
Gull Lake	4
Hell Hole Reservoir	4
Highland Lakes	1
Hume Lake	1
Huntington Lake	14
Ice House Reservoir	18
Indian Creek Reservoir	2
Jackson Meadows Reservoir	7
Jenkinson Lake	19
June Lake	9
Kidd Lake	3
Kings River	5
Klondike Lake	1
Lake Alpine	3
Lake Amador	9
Lake Camanche	29
Lake Clementine	12
Lake Eleanor	1

Waterway	Motorized Count
Lake George	2
Lake Mary	1
Lake Pardee	3
Lake Sabrina	10
Lake Spaulding	6
Lake Tahoe	108
Lake Thomas A. Edison	1
Lake Tulloch	27
Lake Valley Reservoir	1
Lake Wildwood	1
Loon Lake	6
Mammoth Pool Reservoir	5
Mono Lake	1
New Hogan Lake	23
New Melones Lake (Reservoir)	49
New Spicer Meadow Reservoir	7
Pine Mountain Lake	2
Pinecrest Lake	21
Prosser Reservoir	2
Rock Creek Lake	3
Rollins Lake	27
Saddlebag Lake	2
Salt Spring Reservoir	1
Schaads Reservoir	1
Scotts Flat Reservoir	23
Shaver Lake	48
Silver Lake-Amador	5
Silver Lake-Mono	8
Stanislaus River	1
Stumpy Meadows Reservoir	6
Sugar Pine Reservoir	4
Topaz Lake	6
Union Valley Reservoir	22
Upper and Lower Blue Lakes	3
Utica Reservoir	1
Virginia Lakes	2
Wishon Reservoir	10

Appendix B. Preferred Waterway Reported by Non-motorized Boaters

Waterway	Non-motorized Count
American River-Middle Fork	10
American River-North Fork	29
American River-South Fork	159
Bear River	3
Bear River Reservoir	2
Big Bear Lake	7
Boca Reservoir	2
Bridgeport Reservoir	1
Bullards Bar Reservoir	1
Caples Lake	3
Cherry Lake	1
Convict Lake	2
Cosumnes River	8
Crowley Lake	1
Don Pedro Lake	2
Donner Lake	12
East Fork Carson River	5
East Fork Walker River	1
Echo Lake	2
Englebright Lake	2
Fallen Leaf Lake	2
Fuller Lake	1
Grant Lake	2
Hume Lake	2
Huntington Lake	2
Ice House Reservoir	2
Indian Creek Reservoir	1
Jackson Meadows Reservoir	1
Jenkinson Lake	4
June Lake	3
Kern River	17
Kings River	5
Lake Alpine	5
Lake Amador	1
Lake Arrowhead	2
Lake Clementine	3
Lake George	1
Lake Mary	3
Lake Spaulding	1
Lake Tahoe	43

Waterway	Non-motorized Count
Lake Valley Reservoir	2
Loon Lake	2
Mammoth Pool Reservoir	1
McKays Reservoir	1
Merced River	5
Mokelumne River	20
Mono Lake	3
New Spicer Meadow Reservoir	3
Pinecrest Lake	10
Prosser Creek Reservoir	2
Scotts Flat Reservoir	2
Shaver Lake	3
Silver Lake-Amador	3
Silver Lake-Mono	2
Stanislaus River-North Fork	2
Sugar Pine Reservoir	1
Snowflower Lake	1
Truckee River	11
Tuolumne River	10
Union Valley Reservoir	3
Upper and Lower Blue Lake	1
Utica Reservoir	6
Wrights Lake	4

Appendix C. Perceptions of Use Level / Crowdedness

Waterway	Motorized Watercrafts	Non-motorized Watercrafts
American River-Middle Fork	n/a	1.67
American River-North Fork	n/a	1.67
American River-South Fork	1.35	2.76
Bear River	—	1.00
Bear River Reservoir	1.43	1.00
Beardsley Reservoir	1.31	1.15
Big Bear Lake	2.31	1.63
Boca Reservoir	2.13	1.38
Bridgeport Reservoir	1.00	1.00
Bullards Bar Reservoir	2.06	1.13
Camp Far West Lake	2.17	1.27
Caples Lake	1.25	1.29
Cherry Lake	1.67	1.67
Convict Lake	1.50	1.13
Cosumnes River	1.33	1.33
Courtright Reservoir	1.13	1.00
Crowley Lake	2.00	1.25
Don Pedro Lake	2.27	1.08
Donner Lake	2.39	2.00
East Fork Carson River	n/a	2.00
East Fork Walker River	—	1.00
Echo Lake	1.80	1.40
Englebright Lake	1.89	1.19
Fallen Leaf Lake	1.00	2.50
French Meadows Reservoir	1.50	1.25
Fuller Lake	1.00	1.50
Grant Lake	1.00	1.00
Gull Lake	1.75	1.00
Hell Hole Reservoir	1.00	1.00
Highland Lakes	1.00	—
Hume Lake	2.00	1.50
Huntington Lake	1.73	2.07
Ice House Reservoir	1.56	1.38
Indian Creek Reservoir	1.00	1.00
Jackson Meadows Reservoir	1.50	1.00
Jenkinson Lake	2.22	1.88
June Lake	2.00	1.29
Kern River	n/a	2.18
Kidd Lake	2.00	1.50
Kings River	2.00	1.67
Klondike Lake	2.00	1.00
Lake Alpine	1.40	1.67
Lake Amador	2.25	1.75
Lake Arrowhead	2.50	2.00

Lake Camanche	2.46	1.78
Lake Clementine	2.45	2.00
Lake George	1.50	2.00
Lake Mary	1.50	2.00
Lake Pardee	1.00	1.00
Lake Sabrina	1.11	1.22
Lake Spaulding	1.14	1.00
Lake Tahoe	2.09	1.63
Lake Thomas A. Edison	1.00	1.00
Lake Tulloch	2.85	1.64
Lake Valley Reservoir	1.00	1.50
Lake Wildwood	2.00	—
Loon Lake	1.50	1.29
Mammoth Pool Reservoir	1.00	1.25
Merced River	n/a	1.00
Mokelumne River	n/a	1.31
Mono Lake	3.00	1.50
New Hogan Lake	1.77	1.11
New Melones Lake (Reservoir)	1.76	1.11
New Spicer Meadow Reservoir	1.40	1.40
Pine Mountain Lake	1.50	1.00
Pinecrest Lake	2.42	2.19
Prosser Creek Reservoir	1.00	1.67
Rock Creek Lake	1.50	1.33
Rollins Lake	2.44	1.32
Saddlebag Lake	2.00	1.00
Salt Spring Reservoir	—	1.00
Schaads Reservoir	1.00	1.00
Scotts Flat Reservoir	2.09	1.65
Shaver Lake	2.29	1.55
Silver Lake-Amador	1.50	1.63
Silver Lake-Mono	1.25	1.25
Stanislaus River-North Fork	n/a	1.00
Stumpy Meadows Reservoir	1.20	1.20
Sugar Pine Reservoir	1.40	1.20
Topaz Lake	1.67	1.00
Truckee River	n/a	1.63
Tuolumne River	n/a	1.25
Union Valley Reservoir	1.55	1.43
Upper and Lower Blue Lakes	1.25	1.25
Utica Reservoir	1.00	2.00
Virginia Lakes	1.00	1.00
Wishon Reservoir	1.44	1.22
Wrights Lake	1.00	1.67

Total Count of Responses = 1,107

(1 = not crowded, 4 = extremely crowded)

Appendix D. Facility Needs Reported by Motorized Boaters

Appendix D. Boating Access (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	1	16.7%
Beardsley Reservoir	16	1	6.3%
Big Bear Lake	54	6	11.1%
Boca Reservoir	6	1	16.7%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	1	2.9%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	1	14.3%
Cherry Lake	5	1	20.0%
Convict Lake	10	2	20.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	4	8.5%
Donner Lake	20	2	10.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	2	7.1%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	2	10.5%
June Lake	9	2	22.2%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	1	11.1%
Lake Camanche	29	3	10.3%
Lake Clementine	12	2	16.7%

Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%
Lake Mary	1	1	100.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	1	10.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	36	33.3%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	5	18.5%
Lake Valley Reservoir	1	1	100.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	1	4.3%
New Melones Lake (Reservoir)	49	8	16.3%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	1	33.3%
Rollins Lake	27	3	11.1%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	4	17.4%
Shaver Lake	48	3	6.3%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	1	16.7%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	2	33.3%
Union Valley Reservoir	22	4	18.2%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	1	50.0%
Wishon Reservoir	10	1	10.0%

Appendix D. Day Docks (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-South Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	16	29.6%
Boca Reservoir	6	1	16.7%
Bridgeport Reservoir	4	1	25.0%
Bullards Bar Reservoir	34	6	17.6%
Camp Far West Lake	12	2	16.7%
Caples Lake	7	0	0.0%
Cherry Lake	5	1	20.0%
Convict Lake	10	4	40.0%
Courtright Reservoir	10	2	20.0%
Crowley Lake	14	2	14.3%
Don Pedro Lake	47	3	6.4%
Donner Lake	20	2	10.0%
Echo Lake	4	1	25.0%
Englebright Lake	28	4	14.3%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	1	25.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	2	14.3%
Ice House Reservoir	18	1	5.6%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	2	25.0%
Jenkinson Lake	19	4	21.1%
June Lake	9	1	11.1%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	1	100.0%
Lake Alpine	3	1	33.3%
Lake Amador	9	1	11.1%
Lake Camanche	29	4	13.8%
Lake Clementine	12	1	8.3%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	5	50.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	21	19.4%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	6	22.2%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	1	16.7%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	4	17.4%
New Melones Lake (Reservoir)	49	6	12.2%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	3	13.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	5	18.5%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	1	4.3%
Shaver Lake	48	8	16.7%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	1	12.5%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	1	16.7%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	1	16.7%
Union Valley Reservoir	22	6	27.3%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	1	10.0%

Appendix D. Fish Cleaning Stations (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	1	16.7%
Beardsley Reservoir	16	6	37.5%
Big Bear Lake	54	11	20.4%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	1	25.0%
Bullards Bar Reservoir	34	4	11.8%
Camp Far West Lake	12	2	16.7%
Caples Lake	7	0	0.0%
Cherry Lake	5	1	20.0%
Convict Lake	10	2	20.0%
Courtright Reservoir	10	4	40.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	2	4.3%
Donner Lake	20	2	10.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	3	10.7%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	1	25.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	1	25.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	2	14.3%
Ice House Reservoir	18	7	38.9%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	1	12.5%
Jenkinson Lake	19	4	21.1%
June Lake	9	0	0.0%
Kidd Lake	3	1	33.3%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	1	33.3%
Lake Amador	9	1	11.1%
Lake Camanche	29	2	6.9%
Lake Clementine	12	2	16.7%
Lake Eleanor	1	0	0.0%
Lake George	2	1	50.0%

Lake Mary	1	1	100.0%
Lake Pardee	3	1	33.3%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	1	16.7%
Lake Tahoe	108	2	1.9%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	3	11.1%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	2	33.3%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	1	4.3%
New Melones Lake (Reservoir)	49	11	22.4%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	1	50.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	2	100.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	5	18.5%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	1	100.0%
Scotts Flat Reservoir	23	1	4.3%
Shaver Lake	48	13	27.1%
Silver Lake-Amador	6	2	33.3%
Silver Lake-Mono	8	1	12.5%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	1	16.7%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	5	22.7%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	1	50.0%
Wishon Reservoir	10	3	30.0%

Appendix D. Landings/Boat-in Sites (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	10	18.5%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	8	23.5%
Camp Far West Lake	12	2	16.7%
Caples Lake	7	0	0.0%
Cherry Lake	5	1	20.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	1	10.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	3	6.4%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	3	10.7%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	1	5.6%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	2	10.5%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	1	33.3%
Lake Amador	9	0	0.0%
Lake Camanche	29	3	10.3%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	18	16.7%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	1	3.7%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	1	4.3%
New Melones Lake (Reservoir)	49	7	14.3%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	1	4.3%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	3	11.1%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	1	2.1%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	2	9.1%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	2	20.0%

Appendix D. Marina (slips) (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	4	7.4%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	2	5.9%
Camp Far West Lake	12	1	8.3%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	1	10.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	1	2.1%
Donner Lake	20	1	5.0%
Echo Lake	4	2	50.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	1	5.3%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	2	6.9%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	17	15.7%
Lake Thomas A. Edison	1	1	100.0%
Lake Tulloch	27	3	11.1%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	4	17.4%
New Melones Lake (Reservoir)	49	3	6.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	2	8.7%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	4	14.8%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	2	8.7%
Shaver Lake	48	1	2.1%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	2	9.1%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix D. Mooring Fields (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	5	9.3%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	1	2.9%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	1	14.3%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	0	0.0%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	1	5.3%
June Lake	9	1	11.1%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	3	10.3%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	15	13.9%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	1	3.7%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	0	0.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	2	8.7%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	2	8.7%
Shaver Lake	48	1	2.1%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	0	0.0%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix D. Parking Vehicles / Trailers (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	3	50.0%
Beardsley Reservoir	16	3	18.8%
Big Bear Lake	54	17	31.5%
Boca Reservoir	6	1	16.7%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	8	23.5%
Camp Far West Lake	12	1	8.3%
Caples Lake	7	1	14.3%
Cherry Lake	5	2	40.0%
Convict Lake	10	5	50.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	1	7.1%
Don Pedro Lake	47	3	6.4%
Donner Lake	20	5	25.0%
Echo Lake	4	2	50.0%
Englebright Lake	28	7	25.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	1	25.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	1	50.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	1	5.6%
Indian Creek Reservoir	3	1	33.3%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	3	15.8%
June Lake	9	1	11.1%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	1	100.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	3	10.3%
Lake Clementine	12	2	16.7%
Lake Eleanor	1	0	0.0%
Lake George	2	1	50.0%

Lake Mary	1	1	100.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	2	20.0%
Lake Spaulding	6	1	16.7%
Lake Tahoe	108	40	37.0%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	6	22.2%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	1	16.7%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	1	4.3%
New Melones Lake (Reservoir)	49	4	8.2%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	7	30.4%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	1	33.3%
Rollins Lake	27	8	29.6%
Saddlebag Lake	2	1	50.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	1	100.0%
Scotts Flat Reservoir	23	2	8.7%
Shaver Lake	48	11	22.9%
Silver Lake-Amador	6	1	16.7%
Silver Lake-Mono	8	1	12.5%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	5	22.7%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	1	10.0%

Appendix D. Restrooms (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	2	33.3%
Beardsley Reservoir	16	3	18.8%
Big Bear Lake	54	18	33.3%
Boca Reservoir	6	2	33.3%
Bridgeport Reservoir	4	2	50.0%
Bullards Bar Reservoir	34	5	14.7%
Camp Far West Lake	12	4	33.3%
Caples Lake	7	2	28.6%
Cherry Lake	5	0	0.0%
Convict Lake	10	3	30.0%
Courtright Reservoir	10	1	10.0%
Crowley Lake	14	4	28.6%
Don Pedro Lake	47	9	19.1%
Donner Lake	20	1	5.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	5	17.9%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	1	50.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	7	38.9%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	4	21.1%
June Lake	9	1	11.1%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	3	33.3%
Lake Camanche	29	6	20.7%
Lake Clementine	12	1	8.3%
Lake Eleanor	1	0	0.0%
Lake George	2	1	50.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	2	20.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	19	17.6%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	9	33.3%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	3	50.0%
Mammoth Pool Reservoir	5	3	60.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	6	26.1%
New Melones Lake (Reservoir)	49	8	16.3%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	3	11.1%
Saddlebag Lake	2	1	50.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	1	100.0%
Scotts Flat Reservoir	23	1	4.3%
Shaver Lake	48	15	31.3%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	2	33.3%
Union Valley Reservoir	22	5	22.7%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	1	50.0%
Wishon Reservoir	10	4	40.0%

Appendix D. Supply Stores (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	8	14.8%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	3	8.8%
Camp Far West Lake	12	2	16.7%
Caples Lake	7	1	14.3%
Cherry Lake	5	0	0.0%
Convict Lake	10	1	10.0%
Courtright Reservoir	10	2	20.0%
Crowley Lake	14	1	7.1%
Don Pedro Lake	47	3	6.4%
Donner Lake	20	3	15.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	1	3.6%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	2	11.1%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	1	20.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	3	10.3%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	1	10.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	2	1.9%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	0	0.0%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	8	34.8%
New Melones Lake (Reservoir)	49	1	2.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	2	7.4%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	2	8.7%
Shaver Lake	48	1	2.1%
Silver Lake-Amador	6	1	16.7%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	1	25.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	4	18.2%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	3	30.0%

Appendix D. Utilities (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	1	100.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	2	3.7%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	0	0.0%
Camp Far West Lake	12	2	16.7%
Caples Lake	7	0	0.0%
Cherry Lake	5	1	20.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	1	10.0%
Crowley Lake	14	2	14.3%
Don Pedro Lake	47	0	0.0%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	1	5.6%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	2	6.9%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	0	0.0%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	0	0.0%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	6	26.1%
New Melones Lake (Reservoir)	49	3	6.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	2	7.4%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	0	0.0%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	2	9.1%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix D. Boarding Floats (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	1	6.3%
Big Bear Lake	54	7	13.0%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	0	0.0%
Camp Far West Lake	12	1	8.3%
Caples Lake	7	1	14.3%
Cherry Lake	5	0	0.0%
Convict Lake	10	1	10.0%
Courtright Reservoir	10	1	10.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	1	2.1%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	1	5.6%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	1	11.1%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	1	11.1%
Lake Camanche	29	1	3.4%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	1	10.0%
Lake Spaulding	6	1	16.7%
Lake Tahoe	108	3	2.8%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	3	11.1%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	1	16.7%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	2	4.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	1	2.1%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	1	16.7%
Union Valley Reservoir	22	2	9.1%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix D. Dry Storage (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	4	7.4%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	2	5.9%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	1	10.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	0	0.0%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	1	11.1%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	1	11.1%
Lake Camanche	29	1	3.4%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	5	4.6%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	0	0.0%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	2	4.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	2	8.7%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	1	3.7%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	1	4.3%
Shaver Lake	48	0	0.0%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	1	4.5%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix D. Floating Docks/Piers (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	1	16.7%
Beardsley Reservoir	16	1	6.3%
Big Bear Lake	54	9	16.7%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	1	25.0%
Bullards Bar Reservoir	34	3	8.8%
Camp Far West Lake	12	2	16.7%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	4	8.5%
Donner Lake	20	2	10.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	2	7.1%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	1	25.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	2	11.1%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	3	15.8%
June Lake	9	1	11.1%
Kidd Lake	3	1	33.3%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	1	33.3%
Lake Amador	9	2	22.2%
Lake Camanche	29	3	10.3%
Lake Clementine	12	1	8.3%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	2	33.3%
Lake Tahoe	108	6	5.6%
Lake Thomas A. Edison	1	1	100.0%
Lake Tulloch	27	2	7.4%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	1	16.7%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	4	17.4%
New Melones Lake (Reservoir)	49	3	6.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	2	8.7%
Prosser Reservoir	2	1	50.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	2	7.4%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	4	17.4%
Shaver Lake	48	0	0.0%
Silver Lake-Amador	6	3	50.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	2	33.3%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	4	18.2%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix D. Launch Ramp (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	2	33.3%
Beardsley Reservoir	16	2	12.5%
Big Bear Lake	54	15	27.8%
Boca Reservoir	6	2	33.3%
Bridgeport Reservoir	4	1	25.0%
Bullards Bar Reservoir	34	4	11.8%
Camp Far West Lake	12	3	25.0%
Caples Lake	7	1	14.3%
Cherry Lake	5	2	40.0%
Convict Lake	10	3	30.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	4	8.5%
Donner Lake	20	2	10.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	6	21.4%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	1	50.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	1	12.5%
Jenkinson Lake	19	1	5.3%
June Lake	9	1	11.1%
Kidd Lake	3	0	0.0%
Kings River	5	1	20.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	2	22.2%
Lake Camanche	29	4	13.8%
Lake Clementine	12	1	8.3%
Lake Eleanor	1	0	0.0%
Lake George	2	1	50.0%

Lake Mary	1	1	100.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	1	10.0%
Lake Spaulding	6	1	16.7%
Lake Tahoe	108	46	42.6%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	4	14.8%
Lake Valley Reservoir	1	1	100.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	1	16.7%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	19	38.8%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	3	13.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	1	33.3%
Rollins Lake	27	1	3.7%
Saddlebag Lake	2	1	50.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	2	8.7%
Shaver Lake	48	4	8.3%
Silver Lake-Amador	6	3	50.0%
Silver Lake-Mono	8	3	37.5%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	5	22.7%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	1	50.0%
Wishon Reservoir	10	2	20.0%

Appendix D. Marine Service & repairs (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	6	11.1%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	3	8.8%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	1	2.1%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	1	3.6%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	1	33.3%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	1	33.3%
Lake Amador	9	0	0.0%
Lake Camanche	29	3	10.3%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	4	3.7%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	1	3.7%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	3	13.0%
New Melones Lake (Reservoir)	49	3	6.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	2	8.7%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	2	7.4%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	1	4.3%
Shaver Lake	48	0	0.0%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	0	0.0%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix D. Navigational Aids (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	1	6.3%
Big Bear Lake	54	4	7.4%
Boca Reservoir	6	1	16.7%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	3	8.8%
Camp Far West Lake	12	1	8.3%
Caples Lake	7	1	14.3%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	1	10.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	0	0.0%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	1	25.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	1	5.3%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	2	66.7%
Lake Amador	9	0	0.0%
Lake Camanche	29	3	10.3%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	1	10.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	11	10.2%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	2	7.4%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	1	4.3%
New Melones Lake (Reservoir)	49	2	4.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	4	17.4%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	1	3.7%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	2	8.7%
Shaver Lake	48	4	8.3%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	5	22.7%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	1	10.0%

Appendix D. Pump-Out Stations (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	1	1.9%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	1	2.9%
Camp Far West Lake	12	1	8.3%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	1	10.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	0	0.0%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	1	5.3%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	1	20.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	2	6.9%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	1	33.3%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	3	2.8%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	0	0.0%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	0	0.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	3	6.3%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	0	0.0%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix D. Showers (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	1	16.7%
Beardsley Reservoir	16	1	6.3%
Big Bear Lake	54	5	9.3%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	1	2.9%
Camp Far West Lake	12	3	25.0%
Caples Lake	7	1	14.3%
Cherry Lake	5	1	20.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	1	10.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	5	10.6%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	4	14.3%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	1	33.3%
Lake Amador	9	3	33.3%
Lake Camanche	29	2	6.9%
Lake Clementine	12	1	8.3%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	1	16.7%
Lake Tahoe	108	4	3.7%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	0	0.0%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	1	20.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	3	13.0%
New Melones Lake (Reservoir)	49	3	6.1%
New Spicer Meadow Reservoir	7	1	14.3%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	2	8.7%
Prosser Reservoir	2	1	50.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	1	3.7%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	2	8.7%
Shaver Lake	48	1	2.1%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	5	22.7%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	1	10.0%

Appendix D. Transient facilities / tie-ups (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	5	9.3%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	2	5.9%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	0	0.0%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	2	10.5%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	0	0.0%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	9	8.3%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	1	3.7%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	2	4.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	1	2.1%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	0	0.0%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix D. Emergency Services (motorized boaters)

Waterway	Responses	Stated Need	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	1	16.7%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	2	3.7%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	3	8.8%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	1	10.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	1	2.1%
Donner Lake	20	1	5.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	1	25.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	1	33.3%
Lake Amador	9	0	0.0%
Lake Camanche	29	1	3.4%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	3	2.8%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	1	3.7%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	1	100.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	3	13.0%
New Melones Lake (Reservoir)	49	2	4.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	1	4.3%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	1	2.1%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	1	4.5%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	1	10.0%

Appendix E. Facility Needs Reported by Non-motorized Boaters

Appendix E. Boating Access (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	2	20.0%
American River-North Fork	29	3	10.3%
American River-South Fork	159	41	25.8%
Bear River	3	2	66.7%
Bear River Reservoir	2	1	50.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	1	50.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	1	33.3%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	2	16.7%
East Fork Carson River	5	1	20.0%
East Fork Walker River	1	1	100.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	1	50.0%
Fuller Lake	1	1	100.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	1	25.0%
June Lake	3	0	0.0%
Kern River	17	3	17.6%
Kings River	5	3	60.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	1	100.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%

Lake Tahoe	43	6	14.0%
Lake Valley Reservoir	2	0	0.0%
Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	1	20.0%
Mokelumne River	20	5	25.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	1	10.0%
Prosser Creek Reservoir	2	1	50.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	1	33.3%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	3	27.3%
Tuolumne River	10	2	20.0%
Union Valley Reservoir	3	1	33.3%
Upper and Lower Blue Lake	1	1	100.0%
Utica Reservoir	6	1	16.7%
Wrights Lake	4	0	0.0%

Appendix E. Boat-in Campsites (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	4	40.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	37	23.3%
Bear River	3	0	0.0%
Bear River Reservoir	2	1	50.0%
Big Bear Lake	7	1	14.3%
Boca Reservoir	2	1	50.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	1	100.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	3	25.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	1	100.0%
Lake Tahoe	43	6	14.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	1	50.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	1	20.0%
Mokelumne River	20	2	10.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	1	33.3%
Pinecrest Lake	10	1	10.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	2	18.2%
Tuolumne River	10	2	20.0%
Union Valley Reservoir	3	1	33.3%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	1	16.7%
Wrights Lake	4	0	0.0%

Appendix E. Parking (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	3	30.0%
American River-North Fork	29	9	31.0%
American River-South Fork	159	56	35.2%
Bear River	3	2	66.7%
Bear River Reservoir	2	2	100.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	1	50.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	1	50.0%
Donner Lake	12	5	41.7%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	1	50.0%
Englebright Lake	2	1	50.0%
Fallen Leaf Lake	2	1	50.0%
Fuller Lake	1	1	100.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	1	50.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	1	25.0%
June Lake	3	0	0.0%
Kern River	17	6	35.3%
Kings River	5	1	20.0%
Lake Alpine	5	2	40.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	1	33.3%
Lake George	1	1	100.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	10	23.3%
Lake Valley Reservoir	2	1	50.0%

Loon Lake	2	1	50.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	2	40.0%
Mokelumne River	20	5	25.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	4	40.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	4	36.4%
Tuolumne River	10	1	10.0%
Union Valley Reservoir	3	1	33.3%
Upper and Lower Blue Lake	1	1	100.0%
Utica Reservoir	6	2	33.3%
Wrights Lake	4	1	25.0%

Appendix E. Launch Spots -by Other Means (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	1	3.4%
American River-South Fork	159	8	5.0%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	1	8.3%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	2	4.7%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	1	10.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	1	9.1%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix E. Access to Fresh Water (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	2	6.9%
American River-South Fork	159	22	13.8%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	2	16.7%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	1	25.0%
June Lake	3	0	0.0%
Kern River	17	2	11.8%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	1	33.3%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	2	4.7%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	5	25.0%
Mono Lake	3	1	33.3%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix E. Restrooms (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	3	30.0%
American River-North Fork	29	6	20.7%
American River-South Fork	159	31	19.5%
Bear River	3	1	33.3%
Bear River Reservoir	2	1	50.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	4	33.3%
East Fork Carson River	5	1	20.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	1	50.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	1	50.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	12	70.6%
Kings River	5	2	40.0%
Lake Alpine	5	1	20.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	1	100.0%
Lake Tahoe	43	6	14.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	1	50.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	1	20.0%
Mokelumne River	20	7	35.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	1	50.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	1	33.3%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	1	100.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	2	18.2%
Tuolumne River	10	1	10.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	1	100.0%
Utica Reservoir	6	2	33.3%
Wrights Lake	4	0	0.0%

Appendix E. Supply Stores (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	7	4.4%
Bear River	3	0	0.0%
Bear River Reservoir	2	1	50.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	1	5.9%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	1	9.1%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	1	25.0%

Appendix E. Rinse Station-Boats/Gear (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	0	0.0%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix E. Security (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	15	9.4%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	1	20.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	1	5.9%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	1	5.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix E. Campgrounds (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	1	0.6%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix E. Landings (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	18	11.3%
Bear River	3	0	0.0%
Bear River Reservoir	2	1	50.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	1	50.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	1	50.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	4	33.3%
East Fork Carson River	5	1	20.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	1	50.0%
Fallen Leaf Lake	2	1	50.0%
Fuller Lake	1	1	100.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	2	11.8%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	1	100.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	1	2.3%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	3	15.0%
Mono Lake	3	1	33.3%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	1	10.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	1	50.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	2	18.2%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	1	16.7%
Wrights Lake	4	0	0.0%

Appendix E. Boat-in Day-use Areas (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	2	20.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	17	10.7%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	1	14.3%
Boca Reservoir	2	1	50.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	2	16.7%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	1	5.9%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	1	50.0%
Lake Clementine	3	0	0.0%
Lake George	1	1	100.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	2	4.7%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	1	33.3%
Pinecrest Lake	10	1	10.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	1	10.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	1	16.7%
Wrights Lake	4	0	0.0%

Appendix E. Launch Spots -by Hand (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	1	10.0%
American River-North Fork	29	2	6.9%
American River-South Fork	159	32	20.1%
Bear River	3	1	33.3%
Bear River Reservoir	2	1	50.0%
Big Bear Lake	7	2	28.6%
Boca Reservoir	2	1	50.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	1	33.3%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	5	41.7%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	1	50.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	1	100.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	2	50.0%
June Lake	3	0	0.0%
Kern River	17	5	29.4%
Kings River	5	2	40.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	1	100.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	1	100.0%
Lake Tahoe	43	9	20.9%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	1	50.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	1	20.0%
Mokelumne River	20	5	25.0%
Mono Lake	3	1	33.3%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	2	20.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	2	18.2%
Tuolumne River	10	2	20.0%
Union Valley Reservoir	3	1	33.3%
Upper and Lower Blue Lake	1	1	100.0%
Utica Reservoir	6	2	33.3%
Wrights Lake	4	1	25.0%

Appendix E. Navigation Aids (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	1	10.0%
American River-North Fork	29	1	3.4%
American River-South Fork	159	3	1.9%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	2	16.7%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	3	7.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	1	5.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	1	9.1%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix E. Take-out Spots (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	2	20.0%
American River-North Fork	29	1	3.4%
American River-South Fork	159	34	21.4%
Bear River	3	1	33.3%
Bear River Reservoir	2	1	50.0%
Big Bear Lake	7	1	14.3%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	2	16.7%
East Fork Carson River	5	1	20.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	4	23.5%
Kings River	5	1	20.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	6	14.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	3	15.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	1	10.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	2	18.2%
Tuolumne River	10	3	30.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	1	100.0%
Utica Reservoir	6	1	16.7%
Wrights Lake	4	0	0.0%

Appendix E. Showers (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	1	10.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	9	5.7%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	2	16.7%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	1	50.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	1	33.3%
Kern River	17	3	17.6%
Kings River	5	1	20.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	1	33.3%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	5	11.6%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	2	10.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	1	10.0%
Prosser Creek Reservoir	2	1	50.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	1	50.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	2	18.2%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix E. Emergency Services (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	2	20.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	7	4.4%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	1	8.3%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	1	5.9%
Kings River	5	1	20.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	3	15.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	1	10.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	1	9.1%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix E. Boat Storage (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	5	3.1%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	1	8.3%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	4	9.3%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	2	18.2%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix E. Personal Storage (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	0	0.0%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix E. Garbage Cans (Non-motorized Boaters)

Waterway	Responses	Stated Need	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	0	0.0%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	1	20.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix F. Facility-related Comments from Survey Participants

Appendix F: Facility-related Comments from Survey Participants

Waterway	Facility-related Comments
American River-Middle Fork	Boating access: The takeout road is closed for no good reason. In order to use it, one must hire a shuttle driver with an access key.....this isn't right.
American River-Middle Fork	Restrooms: Essential.
American River-Middle Fork	Boat-in campsites: Adventures.
American River-Middle Fork	Emergency services: Safety.
American River-North Fork	Boating access: Long walk to water.
American River-North Fork	Parking: Limited.
American River-North Fork	Parking: Parking is poor and limited at Yankee Jim's and Ponderosa. Commercial outfitters take large proportion of parking.
American River-North Fork	Parking: Parking is very limited at Yankee Jim.
American River-North Fork	Parking: There is a lack of parking at Yankee Jim's bridge even though it costs \$10 to park.
American River-North Fork	Parking: We have to pay \$10.00 to park at Yankee Jim bridge. Not enough parking on busy spring days. There needs to be more parking as well as a place to turn around.
American River-North Fork	Parking: Yankee Jim's is both a put in and take out, so there can be a lot of cars there. Parking is limited and creative.
American River-North Fork	Restrooms: would be nice to have a restroom at Yankee Jim put-in.
American River-North Fork	Steep dirt road.
American River-North Fork	Launch spots (by hand): large rocks, steep, sometimes slippery.
American River-North Fork	Launch spots (by other means such as trailer): Steps.
American River-South Fork	ADA access at Salmon Falls take out where they claim it is commercial only. That is the only ADA access. It would be used for ADA access exactly as the commercial rafting companies use it.
American River-South Fork	Boating access: can't get on the water then the rest is moot.
American River-South Fork	Boating access: Green River is a long trek.
American River-South Fork	Boating access: Have to use private launch sites now. Expensive. Public sites are overcrowded.
American River-South Fork	Boating access: I like to kayak.
American River-South Fork	Boating access: If the river is deemed navigable, then access should be available.
American River-South Fork	Boating access: It is good to have available and easy access places.
American River-South Fork	Boating access: It's a long and steep carry out at the takeout. I'm 65.
American River-South Fork	Boating access: Need to be able to have designated public right of ways to carry boats to/from various locations on all rivers in the state. Private landowners frequently do not want people to put in or take out even at public roads/bridges.
American River-South Fork	Boating access: not enough.
American River-South Fork	Boating access: Park is locked up in the early and late season.
American River-South Fork	Boating access: the Salmon Falls bridge doesn't let disabled people take out there, even with placards. The Greenwood Creek take out is a long walk up hill for us old folks.
American River-South Fork	Boating access: To get Kayak in.

American River-South Fork	Boating access: We need a place to leave a car on either end and a trail that is not treacherous to carry our kayaks to launch and take out in a safe spot.
American River-South Fork	Boating access: without access to the river, none of the other issues apply.
American River-South Fork	Other: frequent car break ins at greenwood and salmon falls parking lots.
American River-South Fork	Parking: bicycle folks compete for the spots.
American River-South Fork	Parking: Crowding.
American River-South Fork	Parking: Don't want to park along the highway.
American River-South Fork	Parking: During summer the parking lot at Greenwood fills up. More parking would be helpful. Overflow parking at Cronin is an option but a long walk especially when in kayak gear.
American River-South Fork	Parking: During the summer the parking lots are often full, forcing people to park on the side of the highway.
American River-South Fork	Parking: Heavy use by by the public. But there are shuttles available.
American River-South Fork	Parking: if flows were lengthened then kayaks and rafts could stagger... Would greatly decrease crowding. Need more Greenwood parking... is unsafe. Need more and safe parking at Skunk Hollow.
American River-South Fork	Parking: Lots fill up and there's no where to park.
American River-South Fork	Parking: Lots of break-ins while parked at existing lots, need to improve security (perhaps cameras or increased patrol).
American River-South Fork	Parking: not enough parking spots at Skunk Hollow take-out. The parking area is also used by hikers and mountain cyclists, so it is very crowded.
American River-South Fork	Parking: Parking at Salmon Falls is overcrowded and subject to vandalism.
American River-South Fork	Parking: Parking at the take out gets very difficult at times.
American River-South Fork	Parking: Safe and ample parking for all boaters that is accessible.
American River-South Fork	Parking: safe parking.
American River-South Fork	Parking: salmon falls parking is shared between rafters, kayakers, mtn bikers, fishermen especially when Folsom lake is high.
American River-South Fork	Parking: sometimes the lot is full.
American River-South Fork	Parking: Summer parking at Greenwood Creek and Salmon Falls can be difficult.
American River-South Fork	Parking: The parking at Salmon Falls Bridge on SFA and Yankee Jim on NF American are very crowded.
American River-South Fork	Parking: The parking at the Skunk Hollow take-out is too limited and frequently fills up.
American River-South Fork	Parking: There is only one take out location and the parking is VERY crowded.
American River-South Fork	Parking: Usually not enough fir all; need more overflow spots.
American River-South Fork	Parking: Without enough safe parking, we could not even get on the river. But I like overnight trips, so boat-in campsites (without fees) are important.
American River-South Fork	Restrooms: For myself for myself and others with disabilities, knowing that there is an accessible restroom makes a huge difference on the planning of who can attend trips.
American River-South Fork	Restrooms: there is never enough room for vehicles at take out.
American River-South Fork	Restrooms: Without restrooms there is a health and safety hazard, and water quality issue. People will continue to visit the areas with or without toilets. And everyone has to poop.
American River-South Fork	Restrooms: You can smell the horrid odor in the entire parking lot of Greenwood Creek.

American River-South Fork	Access to fresh water: Hydration. No drinking water on South Fork American Gorge. It is a long run.
American River-South Fork	Access to fresh water: It would be nice ot have a water spigot at the Greenwood lot.
American River-South Fork	Access to fresh water: Many people don't bring enough with them.
American River-South Fork	Access to fresh water: There is no fresh water at Greenwood Creek or Skunk Hollow.
American River-South Fork	Access to fresh water: We need water at the the put in and take out, river water (untreated) is not safe to drink due to Giardia parasites in the water.
American River-South Fork	Boat-in campsites: A lot of private land on the river, no place to camp.
American River-South Fork	Boat-in campsites: Because there is on 1 site that is dominated by commercial rafting companies.
American River-South Fork	Boat-in campsites: frequently unable to camp due to over booked campgrounds.
American River-South Fork	Boat-in campsites: Novelty.
American River-South Fork	Boat-in campsites: There aren't any.
American River-South Fork	Boat-in campsites: Would be wonderful, but I don't think it's possible on this river. still, a night on the river is a wonderful thing, and there's scant opportunity for that presently.
American River-South Fork	Boat-in day-use areas: There is really not enough put in-take out spots to access this long river.
American River-South Fork	Launch spots (by hand): Nore access equals more water days, plus safer days.
American River-South Fork	Launch spots (by hand): Some put in/take out places are a long carry of kayaks or rafts, especially for seniors or handicap.
American River-South Fork	Launch spots (by hand): We often choose to kayak a different river because of the long section of class II between greenwood creek and the gorge.
American River-South Fork	Launch spots (by other means such as trailer): At present it is only seasonal access.
American River-South Fork	Navigation aids (buoys, trail markers): Danger areas need to be marked.
American River-South Fork	Security: Car break ins are a common problem that ruin many boaters experience.
American River-South Fork	Security: see comment in previous question, constant vandalism of the cars at greenwood and skunk hollow.
American River-South Fork	Security: Stop car break ins.
American River-South Fork	Take-out spots: Although I've never been affected by it, the take-out at Greenwood Creek is known for car break-ins.
American River-South Fork	Take-out spots: at take out (greenwood), the hike with gear is quite lengthy for us older folks. sometimes the parking lot fills fast.
American River-South Fork	Take-out spots: boat ramps needed. boaters must haul equipment up long steep trails.
American River-South Fork	Take-out spots: Security of parked vehicles is the primary concern. I'm not sure one type of facility takes precedence.
American River-South Fork	Take-out spots: Skunk hollow takeout need to be improved with a bigger parking lot for loading gear, better access ramp to River, secure parking.
American River-South Fork	Take-out spots: The lot at Greenwood Creek is very small for how many people seek parking there.
American River-South Fork	Take-out spots: There is no general use commercial take out before Salmon Falls - - it would be nice to have something near Greenwood Creek.
American River-South Fork	You do not need to provide services or any kind on the rivers. You just need to leave them alone and stop killing them with your dams.

Bear River	Boating access: difficult access. steep embankment.
Bear River	Boating access: It is all on private property. We get friends and neighbors to drop us off and pick us up. There are a lot of homeless people living along the river, most are smoking, drinking and using meth. They are scary people and leave trash, poop and needles.
Bear River Reservoir	Parking: Limited availability.
Bear River Reservoir	Launch spots (by hand): The walk down to the water is not easy, especially carrying kayaks and coolers.
Bear River Reservoir	The boat launch is narrow and small.
Beardsley Reservoir	Parking. Because the way they have lined out not very good way.
Beardsley Reservoir	A fish cleaning station is needed to prevent using the lake to clean fish.
Beardsley Reservoir	Buoys , rocks when lake is low.
Beardsley Reservoir	fish cleaning station . there is nowhere to clean them.
Beardsley Reservoir	Fuel availability is needed. There is a gas station about 20 miles away but on the water fuel would be a huge luxury. It would also be nice to have a snack shack as there is heavy use of the day use area and boaters would also take advantage of it too.
Big Bear Lake	Parking because there is not enough parking at the public boat launch ramps.
Big Bear Lake	Parking for vehicles after launching kayaks.
Big Bear Lake	Bathrooms-in case you have to go to the bathroom.
Big Bear Lake	Restrooms. Used by everyone.
Big Bear Lake	Boat in campsites. Primary use is weekender. Would attract broader user base.
Big Bear Lake	Day Docks to allow for picnics.
Big Bear Lake	During the drought the biggest problem was available launch facilities, however when the lake is able to have all launches open, this is not a problem. Boat camping is at a premium in Big Bear and very difficult to obtain. It must be reserved 6 months in advance.
Big Bear Lake	Fish cleaning facility to help keep caught fish fresh.
Big Bear Lake	Floating docks. Many people launch from the same place and it get's very crowded on the docks due to how short they are.
Big Bear Lake	Fuel Docks: During 2016, only Holloway's Marina was available for fuel because water levels were lower than any other marina fuel docks.
Big Bear Lake	Hand boat launch there are none.
Big Bear Lake	Launch ramps. There is only one ramp available for use when the water level is low. It creates parking issues and long delays launching and retrieving your boat.
Big Bear Lake	Launch spots (by hand): Really none for no motor boats.
Big Bear Lake	Launch spots (by hand): Too few -- currently.
Big Bear Lake	Launching Water is very low and there is only one launch ramp.
Big Bear Lake	Launching, the limited places for small boats to launch vehicle parking is limited.
Big Bear Lake	More public ramps. Existing ramps are overcrowded and trailer/ tow vehicle is very limited. Ramp needs to ne on the south shore.
Big Bear Lake	Need more/better boat launch ramps unaffected by low water levels due to drought.
Big Bear Lake	Temporary storage slips for boats would make it much more convenient to keep you boat in the lake while you're at the lake.

Big Bear Lake	There is only one mooring field at the dam, on heavy use days there are no places to park your boat.
Big Bear Lake	Utilities there is no power or water at the docks to clean and maintain the boats which are in owner occupied docks.
Big Bear Lake	Water level in lake. The drought has crowded marina facilities too close to one another.
Boca Reservoir	Boat launch - won't tear up boat.
Boca Reservoir	Launch spots (by hand): Need to be able to have access.
Boca Reservoir	navigation aids, specifically 5mph buoys. too many people going too fast near the launch ramp.
Boca Reservoir	Needs a launch ramp that is usable during low water levels, which occur more than half of the season.
Bridgeport Reservoir	Launch ramp.....low water conditions make the ramp unusable so we launch off a rocky area known as the bathtub.
Bridgeport Reservoir	The drought has affected launch sites and fish able water.
Bullard's Bar Reservoir	Need more trailer parking for high summer season.
Bullard's Bar Reservoir	Parking-very limited.
Bullard's Bar Reservoir	2nd launch ramp (Dark Day) needs a larger ramp with dock.
Bullard's Bar Reservoir	Emergency services would be nice, don't know of any currently.
Bullard's Bar Reservoir	Launch ramp if you can't launch your boat why have one.
Bullard's Bar Reservoir	Launch ramps, very difficult when low water.
Bullard's Bar Reservoir	Launches that are easy in and out with temp dock use while parking car.
Bullard's Bar Reservoir	Launching. When the water is low the ramp is difficult to maneuver on as it turns at the bottom.
Bullard's Bar Reservoir	Security for parked vehicles at Dark Day launch. There has been many cases of vandalism there over the years.
Camp Far West Lake	Showers because of camping, if there for more than 2 days.
Camp Far West Lake	Fuel docks because there are currently none available.
Camp Far West Lake	Launch ramp, parking, and floats.
Camp Far West Lake	Only one dock and it get's crowded fast.
Caples Lake	The lakes are very nice but public services (restrooms) are not very convenient. Lake side parking is both limited and dangerous and a speed limit and warning along the lake would be nice.
Caples Lake	Launch spots (by hand): Ease of access separate from motorized boats.
Cherry Lake	Better trailer and vehicle parking it is a uphill drive and a hike to get back to the launch could hold up other boaters from launching.
Cherry Lake	Boat-in campsites: Hatch Hetchy regulation of this lake is limiting the availability of usable campsites leading to overcrowding/difficulty to find a camp.
Cherry Lake	Keep the ramp useable with dropping water levels
Cherry Lake	Launch ramp is very rough for launching when the lake level drops and it's crowded for launching multiple boaters.
Convict Lake	Parking: The parking lot is extremely small.
Convict Lake	Fish cleaning is done by the store witch isn't a big problem.
Cosumnes River	Restrooms: No restrooms available out in waterway, only at put it/take out.

Courtright Reservoir	A day dock would allow for easier access for Handicapped people to get in and out of the boat.
Courtright Reservoir	Fish cleaning stations would be amazing.
Courtright Reservoir	Government interference, leave recreation alone.
Courtright Reservoir	Portable water has not been available.
Crowley Lake	Parking areas are not well marked and paving needs attention.
Crowley Lake	Flush toilets rather than out houses would be nicer.
Crowley Lake	A short term dock would be convenient to use.
Crowley Lake	Add/improve lakeside camping.
Crowley Lake	Boat camping; would create a better overall fishing experience.
Don Pedro Lake	Restroom and shower facilities need to be better maintained. Current condition was very poor with leaking pipes, insect infestation, poor lighting.
Don Pedro Lake	Bathroom, large lake and only 2 floating bathroom.
Don Pedro Lake	Showers for self cleaning after having swim in the lake.
Don Pedro Lake	Boat camping sites. Camping where your boat can stay in the water that is close to the campgrounds is beneficial and would increase my camping. Its a hassle to take the boat out to park next to the camp ground just to relaunch in the morning.
Don Pedro Lake	Boat in camp sites would be great to stay on the lake rather than to have to pull the boat out and to a camp site. Then have to relaunch in and out again when wanting to fish.
Don Pedro Lake	Dogs accessible.
Don Pedro Lake	Enough water in the lake to protect the boater from grounding and to be able to launch safely.
Don Pedro Lake	Having a local store minimizes travel.
Don Pedro Lake	Law enforcers. More boaters are not familiar with rules nowadays.
Don Pedro Lake	When Lake levels are low, which happens frequently, the launch ramps are useless and/or dangerous. Extending them for low level conditions would be great.
Donner Lake	Hard to find a parking spot close enough to the water to hand carry in kayaks/canoes.
Donner Lake	Parking, as the parking lot get very full in the summer time.
Donner Lake	Parking: No designated parking areas.
Donner Lake	Parking: No enough parking on weekends. Dangerous with the traffic to park and launch from Donner Pass Rd.
Donner Lake	Parking: Parking is limited and makes alternative put in and take out spots difficult to access.
Donner Lake	Shoreline parking fills by early am.
Donner Lake	Public bathrooms, people tend to use the private beaches to access bathrooms.
Donner Lake	Boat ramp is unusable for larger boats during most winter months. Too shallow.
Donner Lake	Boat Rentals. People who have never been in a boat are able to rent them. They are rude and dangerous. It's like renting a car to a 15 year old for the day.
Donner Lake	Donner Lake does not have any place on the lake for which to purchase gas. The method now is to pull our boat out of the water. We buy gas at the gas station and put it in approved gas cans. Then we haul those down to the parking area.
Donner Lake	Donner Lake is too crowded in July & August! Don't add anything which would attract more boaters.

Donner Lake	Fish cleaning station. I fish the lake a lot, and there is no place to clean the fish. This is true of bank fishermen also.
Donner Lake	Fuel and Ice - some sort of store to make supplies more easily available.
Donner Lake	Launch areas. Only 2 areas are open to get to the water.
Donner Lake	Launch ramps.
Donner Lake	Launch spots (by hand): I know of only 1 hand launch point on the lake.
Donner Lake	Navigation aids (buoys, trail markers): Would like to know how far to paddle.
Donner Lake	Not enough room to park a truck and trailer for the number of boats that are using the lake.
Donner Lake	People with jet skis/wave runners make a very hazardous situation for kayakers and swimmers.
Donner Lake	There's no supply store nearby.
Donner Lake	We need ON SITE INSPECTION 7 days a week. Going to the airport is unacceptable.
East Fork Carson River	Boating access: Narrow access space allows one group at a time.
East Fork Carson River	Restrooms: Camping would be much easier.
East Fork Carson River	Take-out spots: there is a nasty dam just downstream of the take out.
East Fork Walker River	Boating access: launching from the bridge is awkward.
Echo Lake	Parking at the Echo Lakes in the summer is a nightmare. Again the Forest Service and the TRPA aren't going to allow parking to be expanded. It's national forest around and near the lakes.
Echo Lake	Additional slips in better shape are needed.
Echo Lake	The Echo Lakes are heavily used lakes by boats in the summer because the boats are the only mode of transportation across the lakes to the cabins and into the Desolation Wilderness. There is no road around the lakes. The US Forest Service and the Tahoe.
Englebright Lake	Parking area is small.
Englebright Lake	parking. the lot is quite far from the launch ramp., It is nearly impossible to launch and keep the boat out of the way of others while the driver takes the truck and trailer to the lot.
Englebright Lake	A couple of day docks would be nice to use if you need to go to truck.
Englebright Lake	A little more room to tie up at the dock.
Englebright Lake	Another launch ramp would be useful. I'm only aware of the one ramp, which can get very crowded and is difficult sometimes to deal with many vehicles and boats at once.
Englebright Lake	Boat campsites could use proper leveling for tents and dredging to allow boats to get access to sites when water is low. Also, most campsites have extremely deep mud when disembarking from boats and causes issues.
Englebright Lake	Day docks because when launch or take your boat out of the water, you have to hike to the top of the hill where you have to get your car or truck.
Englebright Lake	Day use docks- lake can be extremely busy during spring and summer seasons and the 1 short term dock is always blocked with boats and bodies.
Englebright Lake	I would like to see a bigger turn-around areas at both launch sites on the lake. Sometimes was too tight to make a U-turn because of the dumpsters in the way.
Englebright Lake	launch ramps to prevent over crowding and frustration.
Englebright Lake	Launch spots (by hand): it's possible to get to put-in and not find enough parking, or enough space for all to offload and launch.

Englebright Lake	Launching. Have to walk too far after you park.
Fallen Leaf Lake	Restrooms: Pollution of human waste if not provided.
French Meadows Reservoir	Hand launch closer to the water at Turkey Point.
Fuller Lake	Launch spots (by hand): Very few parking spaces.
Hell Hole Reservoir	Emergency services are 1 1/2 hours away. No phone service in the area. Lots of rattlesnakes on trail to boating campground. Bears are frequent in the surrounding campgrounds(Hellhole, Big Meadows). The Forest Service has closed the fire station.
Huntington Lake	Camp Sites. There is a shortage and getting one is very hard.
Huntington Lake	Camp Sites. There is a shortage and they are hard to get.
Huntington Lake	Day docks. around launch ramp during busy time people lay there using it a a floating barge.
Huntington Lake	Fish Cleaning Stations. Some people are still gutting their fish on the lake shore.
Huntington Lake	Marina Slips. The damned Forest Service restricts the number of docks to 1960 levels.
Ice House Reservoir	Park for free.
Ice House Reservoir	Parking: there is no parking, only logging roads and sometimes you can park and sometimes rangers try to chase you off.
Ice House Reservoir	No restrooms once you are in the water.
Ice House Reservoir	Restrooms at launch are pit toilets that get smelly.
Ice House Reservoir	There is only one restroom on the entire lake at the boat launch.
Ice House Reservoir	A fish cleaning station would be nice for fisherman.
Ice House Reservoir	Better access to launch kayaks.
Ice House Reservoir	Getting a camp site, online reservations suck. Seems site is full even before the opening of online reservations. Very frustrating.
Ice House Reservoir	Need more docks to leave boats in water for early fishing.
Jackson Meadows Reservoir	Ramps. With the water levels up and down, you never know if you can launch until you get there.
Jenkinson Lake	parking/ lot is small.
Jenkinson Lake	Restrooms, only area I feel needs improvement.
Jenkinson Lake	Access to fresh water: Access to clean drinking water on-site would be ideal.
Jenkinson Lake	Fees too high, and too many restrictions and rules. EID is the worst.
Jenkinson Lake	I also sail a small Hobie Cat in this lake. The shores are very rocky and beat up the boat. More small tie down docks would be nice to have near beaches on the lake.
Jenkinson Lake	Launch ramp because without it you couldn't put your boat in.
Jenkinson Lake	Launching from back launch is fairly difficult and to launch from the front you need to park and room is limited at the launch.
June Lake	Better boat launch with a ramp people could stand on.
June Lake	Dry Storage. The nearest storage is in Bishop, Ca. 60 miles away. Outdoor storage will damage our boat because of the weather conditions in and around June. (7000 feet elevation).
Kern River	Restrooms: and trash receptacles ... so people won't leave their waste outside.
Kern River	Restrooms: Because people defecate where ever with out restrooms. It's not the kayakers and rafters, its' the tourist that visit these boat launch area.
Kern River	Restrooms: Essential.

Kern River	Restrooms: sanitation.
Kern River	Launch spots (by hand): Need to constantly improve put ins and take out spots.
Kern River	Take-out spots: The Kernville park take out area is very small and gets very congested easily. Commercial rafting companies monopolize the available space and then complain that private boaters get in their way.
Kern River	Take-out spots: This same, little-used, 2-mile run downstream from Kernville suffers from lack of a suitable takeout. The flat, East bank (airport side) has no 2-wheel-drive road to the river (soft sand) and a boat carry (by hand for 1/4 mile) is too daunting.
Kings River	Parking: Considering the dirt-rock road is beyond the ability to greatly improve, the limited parking area at Garnet Dyke emerges as a possibility -- at least -- for improvement.
Kings River	Restrooms: Highly crowded campground (Kirch Flat) restrooms require more frequent servicing.
Kings River	Restrooms: The restrooms are filthy and stink.
Lake Alpine	Parking: needs more parking for handicapped.
Lake Alpine	Parking: Parking can be limited on peak days, causing people to park along the highway which then creates hazards from people on the road.
Lake Alpine	Restrooms: none in some areas.
Lake Amador	Parking is difficult for people trying to fish from the bank at Amador.
Lake Amador	Launch ramps could be improved to allow easier boat launching in low water.
Lake Arrowhead	Boat-in day-use areas: Lake Arrowhead has extremely limited shoreline due to over crowding of private docks. Setting aside more areas for open shoreline recreation use rather than developing new private structures would help.
Lake Camanche	Floating restrooms need to be put around the lake like on pardee.
Lake Camanche	A working fuel dock so that we can fill up.
Lake Camanche	Boat in camping would alleviate over crowding in current campgrounds.
Lake Camanche	Cost is to high.
Lake Camanche	Fuel Dock. There are none.
Lake Camanche	Fueling.
Lake Camanche	Pump out. Currently very expensive!
Lake Camanche	Shallow water markers --dangerous.
Lake Camanche	Weekends are crowded, maybe add another launch site.
Lake Clementine	Parking is the most serious. The parking lot fills op early and then there is no lake use.
Lake Clementine	Parking: very limited parking. the road down is also too narrow.
Lake Clementine	Hand launch area. Kayakers will load their kayaks and equipment while tying up the boat ramp preventing boater from launching or taking out.
Lake Mary	Parking is very limited.
Lake Pardee	Fish cleaning stations. Clean them before they are taken home.
Lake Sabrina	Better access to the lake when the water level is down. It is very hard to access the lake due rocks.
Lake Sabrina	Boat docks, temporary day use.
Lake Spaulding	Boat-in campsites: PG&E controls the put-in, and refuses to allow overnight camping. But it's a GREAT place for overnight trips, possibly the best in the Sierra.

Lake Spaulding	Floating docks . I have to put my wife in the boat before launching , she's unable to access the boat from shore due to height of bow. With her in the boat I have to launch without her help.
Lake Spaulding	Launch ramp. The ramp is hard to use when the lake level is low. It is hard to see from the parking lot if there are other vehicles already on the ramp, which can cause traffic congestion on the ramp area itself.
Lake Tahoe	Better access.
Lake Tahoe	Boat access. Need more boat ramps with vehicle parking and trailers.
Lake Tahoe	Boating access - Most of the Lake Tahoe shoreline is either privately owned, or access to the lake is difficult or prohibited. More developed access points in existing public lands, or in areas currently privately owned that could be purchased for public.
Lake Tahoe	Boating access - same as described two panels ago.
Lake Tahoe	Boating access Water levels have been a problem.
Lake Tahoe	Limited boat access to shore.
Lake Tahoe	Adequate and affordable parking areas for hand launch of a fishing pontoon.
Lake Tahoe	An parking area with a launch for hand carried boats would be really nice.
Lake Tahoe	Hard to find parking for car and boat trailer.
Lake Tahoe	It would be helpful to have more parking at areas where it is possible to launch. Boat-in camping or day use would be desirable too.
Lake Tahoe	Little to no parking.
Lake Tahoe	More launch areas with adequate parking at a reasonable fee for launch and park.
Lake Tahoe	Parking as most of the shoreline is privately owned.
Lake Tahoe	Parking as there is very little. Too much of the lake shore is privately owned.
Lake Tahoe	Parking can be tough anywhere along lake Tahoe, but it doesn't mean I would really like to see more cement parking areas either.
Lake Tahoe	Parking near water because kayaks are heavy.
Lake Tahoe	Parking: For a multi-day trip you need to park overnight. Overnight parking is very limited at access points.
Lake Tahoe	Parking: It is hard to find a safe, legal place to leave vehicles for multiple-day trips, and there are almost no facilities on the Nevada side for legal camping or parking close to water's edge.
Lake Tahoe	Parking: Little parking close to put in.
Lake Tahoe	Parking: parking by the shore is rare.
Lake Tahoe	Parking: Parking often crowded on weekends.
Lake Tahoe	Parking: Some good launch spots are hard to access and no where to park.
Lake Tahoe	Parking: There is very limited public parking around the lake.
Lake Tahoe	Parking: Too many people i.e. Tourists.
Lake Tahoe	Floating dock restrooms would keep the lake cleaner.
Lake Tahoe	There are almost no restrooms accessible from the Lake other than to attempt to tie up at a marina which can be very difficult to do .
Lake Tahoe	Showers: clean up.
Lake Tahoe	Access to launch - sometime have to drive far and haul boat around the lake.
Lake Tahoe	Access to various beaches.

Lake Tahoe	Affordable year around launching...Many ramps are sanded in and not usable under normal or drought conditions.
Lake Tahoe	As Lake Tahoe is a multi day trip for us, temporary dock use is very important for our enjoyment of the lake and finding these can be difficult in the Summer.
Lake Tahoe	Boat launching - there are limited options and most have limited hours.
Lake Tahoe	Boat-in campsites to avoid crowds.
Lake Tahoe	Boat-in campsites: Ability to have multiple areas for boat-in campsites.
Lake Tahoe	Boat-in campsites: Way too much of the Lake Tahoe shoreline doesn't have any camping. That leads to a great deal of unauthorized camping without adequate facilities.
Lake Tahoe	Cost to launch.
Lake Tahoe	Dry storage...a real shortage.
Lake Tahoe	Emergency Services - being such a large body of water, it is important to have help when needed.
Lake Tahoe	Finding a place to put a kayak in the water is sometimes challenging.
Lake Tahoe	Free launch ramps. The enviro-nazis control too much at Lake Tahoe. However, the quagga? mussel needs to be kept out of Lake Tahoe.
Lake Tahoe	In earlier days, kayaks, canoes and small sailboats/catamarans, had places that allowed beaching of the boats. This privilege eliminated the need to trailer or car-top the boats and launch for every day of use. Today, I'm not aware of any location at L.
Lake Tahoe	It is important that we have safe and clean refueling options on the lake to ensure the clarity of the water.
Lake Tahoe	Launch facilities(!), especially at South lake Tahoe. Nevada has much better facilities on the east shore of the lake and the fees are quite reasonable. It is somewhat embarrassing that California has not provided a single public launch facility and assoc.
Lake Tahoe	Launch ramps on North Shore are dismal at best. The lake has been very low owing to the drought, leaving only the Lake Forest ramp deep enough to use. The other ramps (e.g. Kings Beach, National Ave) need to be allowed some kind of better dredging or cha.
Lake Tahoe	launch ramps, insufficient during low water periods. become crowded with insufficient parking.
Lake Tahoe	Launch ramps. The most affordable ramps are public and are located on the Nevada side of the Lake. They are well designed with decent parking. Weekend use age is high and as I get older its a bit harder to sprint up to the road to get my trailer. The.
Lake Tahoe	Launch ramps. There are very few to start and with low water there are only four.
Lake Tahoe	Launch ramps...Calif. doesn't have easily accessible, reasonably priced public ramps.
Lake Tahoe	Launch spots (by hand): At Donner Lake there are two issues, having more organized Parking and small boat launching (and public storage would be nice).
Lake Tahoe	Launch spots (by hand): Being disabled and in a wheelchair access is very important to me and important to other people in wheelchairs.
Lake Tahoe	Long term mooring docks, because with the invasive issues, it makes sense to encourage people to leave their boats in Tahoe for the season, rather than encourage them to launch daily. With expensive daily launch, they are more likely to use other water.
Lake Tahoe	Low water level restrictions. Need to revamp regulations to allow boating all season despite low water levels.

Lake Tahoe	Marinas. It is almost impossible for us to locate a slip to replace the one we recently lost when the Meeks Bay Marina was closed. If we are unsuccessful in finding another acceptable arrangement, we will probably sell our vacation home there.
Lake Tahoe	Marinas. Owners charge exorbitant prices & do not keep up the facilities.
Lake Tahoe	Meek's Bay Marina was closed this past summer due to a history of environmental/run-off pollution issues. This closure affected many boat user's, both locals and campers. Its launch ramps and slips were completely closed. The issues causing the closure.
Lake Tahoe	More launching facilities: easier boat inspections; more buoy or docking for non-owners.
Lake Tahoe	Most launch ramps are closed due to low water.
Lake Tahoe	Navigation aids could be improved during drought conditions to avoid low water.
Lake Tahoe	Moorings... a seasonal rental is \$6,000.00 for the Season... WAY to expensive. A slip rental is \$12,000 for the Season... a Wheel bit expensive....
Lake Tahoe	Slip improvement because the slips at the marina are badly worn and poorly maintained.
Lake Tahoe	Slips and Moorings - there are very few and make multi-day boating a major hassle, especially with such a large lake.
Lake Tahoe	The seal population inside Oceanside harbor. They are taking over the docks and even some vessels.
Lake Tahoe	The signs. Many times I pull into a cove or a bay and I do not know where I am. Even with a map, sometimes it is hard to determine.
Lake Tahoe	There are only a few launch ramps and flat beach areas where I could launch so additional ones would be helpful.
Lake Tahoe	There are way too few launching facilities on Lake Tahoe given its size.
Lake Tahoe	We can barely sup anymore because the boats and wakes start by 9 am... they do not respect the non wake areas and we are left with choppy waters most of the time..... sometimes barely worth it.
Lake Tahoe	We need a law to limit use to near shore. SUPs and kayaks out in the boat lanes are nearly invisible to speed boats. It's very dangerous and unnecessary. Sailboats are safe beyond the shore zone, but not paddle boats.
Lake Tulloch	Day use parking that does not cost a fortune.
Lake Tulloch	There has been few times that there has been limited parking for day use with the parking lot full.
Lake Tulloch	Restrooms - don't want people relieving themselves in lake.
Lake Tulloch	The restrooms at this place are absolutely horrendous. There are two literal outhouses that are disgusting. The more modern built up bathrooms are equally disgusting and in disrepair. It is scary to use these facilities.
Lake Tulloch	5 mile buoys.
Lake Tulloch	Day docks or slips to park.
Lake Tulloch	Kiva launch is way too narrow and difficult to launch from.
Lake Tulloch	The launch ramp on the North Shore needs to be re-opened.
Lake Valley Reservoir	Parking: Need wider turnouts on side of road for parking on north side of lake.
Lake Valley Reservoir	Better access to the lake.
Lake Valley Reservoir	Better parking.
Loon Lake	bathrooms not available.
Loon Lake	Bathrooms since they are a necessity.

Loon Lake	Restrooms are pit toilets that get smelly.
Loon Lake	More dock area at ramps is needed for safety.
Mammoth Pool Reservoir	The restrooms are pit toilets that are VERY dirty and smelly.
Merced River	Restrooms: to use before or after. they're always stinking.
Merced River	Traffic in this area often means sitting in a line of cars for minutes or hours when trying to get to/from the put-in.
Mokelumne River	Parking: Can be hard to find parking at put in on busy days.
Mokelumne River	Parking: Parking is a challenge due to non-boater use.
Mokelumne River	Restrooms: Dirty.
Mokelumne River	Restrooms: The new takeout at highway 49 is great. More access to clean portapotty or pit toilets at the put in and takeout would be appreciated.
Mokelumne River	Restrooms: they are gross.
Mokelumne River	Emergency services: Not important.
Mokelumne River	Launch spots (by hand): Access to river difficult.
Mokelumne River	Security: Car break ins although less frequent here are a serious inconvenience when they occur.
Mokelumne River	Take-out spots: The delta is largely inaccessible except by water.
Mono Lake	Access to fresh water: Wash off our kayaks after paddling.
Mono Lake	Emergency Services need to be provided for the canoes and kayaks that are rented daily on Mono Lake.
New Hogan Lake	Boat in day use. Need to be clearly marked.
New Hogan Lake	Emergency help in case of break down (internet access to call for help or back up).
New Hogan Lake	Emergency services should be clearly described as to location at each launch site.
New Hogan Lake	Hogan used to have a marina, fuel, restaurant and other amenities. Army Corp of Engineers controls this lake, and have made it difficult for a vendor to come in and make a profit. They also do not stock the lake with fish and carp have taken over. 20.
New Hogan Lake	Keeping fees low and affordable like it is now. Don't mess with a good thing.
New Hogan Lake	Supply store. Because there are facilities near the launch ramps.
New Hogan Lake	Supply stores. Need one. There isn't any.
New Melones Lake (Reservoir)	Far parking.
New Melones Lake (Reservoir)	Bathrooms on water. Because sometimes you really need to go.
New Melones Lake (Reservoir)	Restrooms on the reservoirs.
New Melones Lake (Reservoir)	Better launch ramp access during drought years.
New Melones Lake (Reservoir)	Launch ramp when lake is low.
New Melones Lake (Reservoir)	Launch ramps need to be extended for low lake level conditions. When the lake is low, the launch ramps are useless.
New Melones Lake (Reservoir)	Launch ramps. With the drought and the releases of water down stream all ramps are above the water mark.
New Melones Lake (Reservoir)	Launching docks, when water levels go low the ramps are closed.
New Melones Lake (Reservoir)	Limited shore access, if you have to carry a canoe 1/2 mile you might not go on the water.
New Melones Lake (Reservoir)	Need to maintain a higher water level for fishing and launching throughout the year.

New Melones Lake (Reservoir)	The water level is at 20% and so low the ramps are not usable or require 4 wheel drive. This improves drastically if the water level is higher.
New Spicer Meadow Reservoir	Boat-in campsites: Lack of toilet creates hazards for waste.
Pinecrest Lake	Parking in general during the summer months. Lack of adequate parking for the recreational users creates a parking problem for motorized boat owners.
Pinecrest Lake	Parking. Busy weekends there is not a place to park and cars circle looking for one.
Pinecrest Lake	Parking. Same issue as previously stated.
Pinecrest Lake	Parking. During summer months it is very difficult to park.
Pinecrest Lake	Parking: Hard to find a place to park without getting ticketed.
Pinecrest Lake	Parking: Often crowded.
Pinecrest Lake	Added camping spaces.
Pinecrest Lake	Floating docks are starting to sink.
Pinecrest Lake	Lake level fluctuates, there are large rocks, unmarked, below the surface that should be marked with hazard buoys.
Pinecrest Lake	Launch spots (by hand): Business's are intruding on local beach access, near Riva Grill and Lake Tahoe Vacation Resort.
Pinecrest Lake	Launch spots (by other means such as trailer): as I get older carrying is harder. Using a boat cart or portage cart would help.
Prosser Reservoir	Launching ramp needs improvement.. Needs to be extend in to deep water when the water level goes down near the end of summer.
Rock Creek Lake	Launch ramp necessary because it is in terrible condition.
Rollins Lake	Parking, it can be hard to find a place to park a truck and trailer due to smaller vehicles parked in trailer spots.
Rollins Lake	Day use docks. We like to be able to get off the water and eat. The tie up space at Long Ravine is limited.
Rollins Lake	Not patrolled enough to enforce boating laws for safety.
Rollins Lake	Not patrolled enough to enforce laws that make the lake safe.
Rollins Lake	Short term docks. Its nice to be able to leave the boat in the water when camping for a few days instead of having to pulling out and launching every day.
Rollins Lake	Trailer parking at all launch sites is minimal for the amount of boaters on the lake.
Saddlebag Lake	Camping. The Camp grounds are very rustic and uneven making it difficult to access and is some distance from the lake. Which means that more than one trip per year is not worth the hassle.
Saddlebag Lake	There are no boat in campsites and restrooms are far away from water.
Scotts Flat Reservoir	Closer, Better parking.
Scotts Flat Reservoir	Parking There is never enough parking.
Scotts Flat Reservoir	Better store facilities for groceries and supply's.
Scotts Flat Reservoir	Hand-launch is only available at the camp site area. A readily accessible area by the marina would be nice.
Scotts Flat Reservoir	Mooring fields. There are many water side camp sites. Boats are anchored and tied. A mooring field would be more secure.

Scotts Flat Reservoir	Navigation aids (buoys, markers) Very dangerous conditions. On a glassy day Very large land mass 1' 6" under water 300 feet from shore. Is NOT visible. I destroyed my prop and skier is lucky to still be alive.
Shaver Lake	Flush toilet for the ladies would be most appreciated.
Shaver Lake	Restrooms: They are essentially port a potties. More frequent cleaning would help.
Shaver Lake	Beetle infestation and water drought and Delta hyperrestrictions.
Shaver Lake	Boarding docks.
Shaver Lake	BUOYS AROUND HAZARDS.
Shaver Lake	Convenient places to dock boat for a couple hours.
Shaver Lake	Ease of launching. We usually take the boat during camping weekend at Cam Edison and would use their launch. When not camping we use the dam marina launch.
Shaver Lake	Fish Cleaning Station. Some people gut their fish at the shore leaving a mess.
Shaver Lake	Floating buoys to mark underwater rocks.
Shaver Lake	Lack of boating knowledge and etiquette by jet skiers and water skiers.
Shaver Lake	Markers - shallow areas/rocks should be marked better.
Shaver Lake	Marking dangerous areas - we totaled out one jetski after hitting a rock just under the surface of the water in the middle of the lake. a skier could really get hurt hitting one of the MANY slightly submerged rocks located in what seem to be deep water.
Shaver Lake	There are only two launching ramps and many days they are very crowded. One ramp is a pay-to-launch ramp.
Silver Lake-Amador	Boating access: Everything is closed.
Silver Lake-Amador	Boat in campsites are available on the west end of the lake through a private vendor but not practical from the public launch.
Silver Lake-Mono	Showers: There is none.
Silver Lake-Mono	Designated day use areas would be better than random landing areas used for picnics & camping.
Stumpy Meadows Reservoir	Floating restrooms. This is the drinking water supply for the Georgetown Divide. The far end of the lake has a lot of toilet paper indicating fecal matter. The King fire of 2 years ago burnt around the lake and runoff into the lake carries the fecal ma.
Stumpy Meadows Reservoir	Launch ramp is often monopolized by non-motorized boaters lingering.
Sugar Pine Reservoir	Restrooms: The restroom facility is poor -- a vault toilet that is most unpleasant.
Topaz Lake	Rest rooms at other location on the lake.
Topaz Lake	Probably launching sites. There is a Nevada operated campground and launching ramp on the Nevada side of the lake. Nothing but unimproved launching on the CA side, except for the Nevada mentioned and the local casino (NV).
Topaz Lake	There is only one public boat ramp on the lake and it is not accessible at low water.
Truckee River	Restrooms: not many available.
Truckee River	Navigation aids (buoys, trail markers): So we know where we are.
Tuolumne River	Boating access: Put in is down a difficult pathway under the La Grange Bridge.
Tuolumne River	Launch spots (by hand): The more launch spots, the easier it will be for people to plan trips and, ideally, would also spread the crowd around to avoid overcrowding one popular location.

Tuolumne River	Take-out spots: Cars get broken into at Ward's Ferry Bridge. The carry up from the river to the bridge is brutal.
Tuolumne River	Take-out spots: poor trail maintenance, car break ins.
Union Valley Reservoir	Trailer parking needs additional spaces since currently used for car parking as well as vehicle-trailer parking for two campgrounds. Parking was.
Union Valley Reservoir	Pit toilets stink like crazy.
Union Valley Reservoir	A fish cleaning station would be nice for fisherman.
Union Valley Reservoir	Boat launch and access roads and parking to launch is often difficult and overcrowded.
Union Valley Reservoir	Boat Ramp at Yellowjacket Campground needs to be extended to launch motorized boats when lake water is low.
Union Valley Reservoir	Buoys and markings of water hazards on the reservoir.
Union Valley Reservoir	Clean water and trail markers often are not clearly marked on these smaller campground locations near the water.
Union Valley Reservoir	Floating docks "safety and convenience ".
Union Valley Reservoir	Hand boat launching needs to be improved.
Union Valley Reservoir	Launch ramps and docks get backed up because hand launch vessels are usually being launched by slow moving folks as well as people without boats using the docks for hanging out on. Motorized boats and hand launched vessels should not use the same launch r.
Union Valley Reservoir	Please don't raise the launch fees at Union Valley. This is a wonderful place which is not that easy to get to. We launch for \$8 and that's not "per person", that's just for the boat and there are no fees for daily use per person. Folsom and Sly Park are.
Union Valley Reservoir	Provide better access to hand launch kayaks without paying the boat launch fee.
Upper and Lower Blue Lake	Launch spots (by hand): Access can be difficult if near/part of private lands.
Utica Reservoir	Boating access: First you need Permission to access a waterway, then you need a place to access it.
Utica Reservoir	Parking: too many vehicles.
Utica Reservoir	Restrooms: It would be more sanitary for there to be more restrooms. People just go out in the woods and with the heavy usage on some weekends that is unsanitary.
Virginia Lakes	Launch ramp. Its primitive.
Wishon Reservoir	Emergency facility, because the next place to find first aid location is about 40 minutes away.
Wishon Reservoir	Fish Cleaning Stations. None are provided now. Consequently, lots of entrails are discarded and often become smelly.
Wrights Lake	Parking: Access to lake.
Wrights Lake	Supply stores: Be nice to grab snacks or a beverage, but a supply store isn't really necessary.

N=459

Appendix G. Boating Issues Reported by Motorized Boaters

Appendix G. High Facility Use Fee (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	10	18.5%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	1	2.9%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	1	10.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	3	21.4%
Don Pedro Lake	47	6	12.8%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	2	7.1%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	3	16.7%
Indian Creek Reservoir	3	1	33.3%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	4	21.1%
June Lake	9	2	22.2%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	2	22.2%
Lake Camanche	29	6	20.7%
Lake Clementine	12	2	16.7%

Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%
Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	28	25.9%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	3	11.1%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	1	16.7%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	2	4.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	1	4.3%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	2	7.4%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	5	21.7%
Shaver Lake	48	2	4.2%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	1	16.7%
Union Valley Reservoir	22	3	13.6%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Invasive Species (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	3	5.6%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	1	25.0%
Bullards Bar Reservoir	34	0	0.0%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	0	0.0%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	1	33.3%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	0	0.0%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	8	7.4%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	1	3.7%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	1	4.3%
New Melones Lake (Reservoir)	49	0	0.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	1	2.1%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	0	0.0%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Overcrowded (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	1	6.3%
Big Bear Lake	54	10	18.5%
Boca Reservoir	6	1	16.7%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	5	14.7%
Camp Far West Lake	12	2	16.7%
Caples Lake	7	0	0.0%
Cherry Lake	5	1	20.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	10	21.3%
Donner Lake	20	7	35.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	6	21.4%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	1	50.0%
Huntington Lake	14	3	21.4%
Ice House Reservoir	18	2	11.1%
Indian Creek Reservoir	3	1	33.3%
Jackson Meadows Reservoir	8	1	12.5%
Jenkinson Lake	19	2	10.5%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	2	22.2%
Lake Camanche	29	8	27.6%
Lake Clementine	12	3	25.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	16	14.8%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	17	63.0%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	4	17.4%
New Melones Lake (Reservoir)	49	2	4.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	9	39.1%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	7	25.9%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	1	4.3%
Shaver Lake	48	9	18.8%
Silver Lake-Amador	6	1	16.7%
Silver Lake-Mono	8	1	12.5%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	1	16.7%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	1	16.7%
Union Valley Reservoir	22	1	4.5%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Poor Ramp Conditions (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	2	33.3%
Beardsley Reservoir	16	2	12.5%
Big Bear Lake	54	4	7.4%
Boca Reservoir	6	3	50.0%
Bridgeport Reservoir	4	1	25.0%
Bullards Bar Reservoir	34	3	8.8%
Camp Far West Lake	12	1	8.3%
Caples Lake	7	0	0.0%
Cherry Lake	5	3	60.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	2	4.3%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	2	7.1%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	1	25.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	1	50.0%
Huntington Lake	14	3	21.4%
Ice House Reservoir	18	1	5.6%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	1	11.1%
Lake Camanche	29	3	10.3%
Lake Clementine	12	1	8.3%
Lake Eleanor	1	0	0.0%
Lake George	2	1	50.0%

Lake Mary	1	1	100.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	1	10.0%
Lake Spaulding	6	1	16.7%
Lake Tahoe	108	12	11.1%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	1	3.7%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	1	4.3%
New Melones Lake (Reservoir)	49	10	20.4%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	1	4.3%
Prosser Reservoir	2	1	50.0%
Rock Creek Lake	3	1	33.3%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	1	50.0%
Salt Spring Reservoir	1	1	100.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	1	2.1%
Silver Lake-Amador	6	1	16.7%
Silver Lake-Mono	8	3	37.5%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	1	16.7%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	2	33.3%
Union Valley Reservoir	22	3	13.6%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	1	50.0%
Wishon Reservoir	10	3	30.0%

Appendix G. Poor Road Access (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	2	33.3%
Beardsley Reservoir	16	2	12.5%
Big Bear Lake	54	1	1.9%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	1	2.9%
Camp Far West Lake	12	1	8.3%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	1	7.1%
Don Pedro Lake	47	1	2.1%
Donner Lake	20	1	5.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	1	25.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	1	20.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	2	22.2%
Lake Camanche	29	0	0.0%
Lake Clementine	12	2	16.7%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	1	100.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	1	16.7%
Lake Tahoe	108	2	1.9%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	1	3.7%
Lake Valley Reservoir	1	1	100.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	1	20.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	3	6.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	1	4.3%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	1	100.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	0	0.0%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	1	16.7%
Union Valley Reservoir	22	2	9.1%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Issues with Motorized Boaters (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	2	3.7%
Boca Reservoir	6	2	33.3%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	3	8.8%
Camp Far West Lake	12	2	16.7%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	4	8.5%
Donner Lake	20	3	15.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	1	3.6%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	1	25.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	1	25.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	1	5.6%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	1	12.5%
Jenkinson Lake	19	1	5.3%
June Lake	9	1	11.1%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	3	10.3%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	9	8.3%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	7	25.9%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	1	4.3%
New Melones Lake (Reservoir)	49	1	2.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	2	8.7%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	3	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	2	12.5%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	1	2.9%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	2	40.0%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Issues with Non-motorized Boaters (Motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	1	1.9%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	0	0.0%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	0	0.0%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	1	25.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	0	0.0%
Lake Clementine	12	1	8.3%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	2	1.9%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	0	0.0%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	0	0.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	1	2.1%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	1	4.5%
Upper and Lower Blue Lakes	3	1	33.3%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Excessive/Rude Law Enforcement (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	0	0.0%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	0	0.0%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	1	20.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	2	4.3%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	1	5.3%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	2	6.9%
Lake Clementine	12	1	8.3%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	2	1.9%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	1	3.7%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	1	4.3%
New Melones Lake (Reservoir)	49	0	0.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	0	0.0%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	0	0.0%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. I have not experienced problems at this waterway (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	1	16.7%
Beardsley Reservoir	16	4	25.0%
Big Bear Lake	54	8	14.8%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	13	38.2%
Camp Far West Lake	12	2	16.7%
Caples Lake	7	3	42.9%
Cherry Lake	5	0	0.0%
Convict Lake	10	3	30.0%
Courtright Reservoir	10	8	80.0%
Crowley Lake	14	8	57.1%
Don Pedro Lake	47	13	27.7%
Donner Lake	20	2	10.0%
Echo Lake	4	1	25.0%
Englebright Lake	28	8	28.6%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	1	25.0%
Fuller Lake	4	2	50.0%
Grant Lake	1	0	0.0%
Gull Lake	4	1	25.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	1	50.0%
Huntington Lake	14	2	14.3%
Ice House Reservoir	18	8	44.4%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	5	62.5%
Jenkinson Lake	19	7	36.8%
June Lake	9	3	33.3%
Kidd Lake	3	1	33.3%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	1	33.3%
Lake Amador	9	3	33.3%
Lake Camanche	29	5	17.2%
Lake Clementine	12	2	16.7%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	3	100.0%
Lake Sabrina	10	3	30.0%
Lake Spaulding	6	3	50.0%
Lake Tahoe	108	23	21.3%
Lake Thomas A. Edison	1	1	100.0%
Lake Tulloch	27	5	18.5%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	1	100.0%
Loon Lake	6	3	50.0%
Mammoth Pool Reservoir	5	2	40.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	10	43.5%
New Melones Lake (Reservoir)	49	10	20.4%
New Spicer Meadow Reservoir	7	2	28.6%
Pine Mountain Lake	2	1	50.0%
Pinecrest Lake	23	7	30.4%
Prosser Reservoir	2	1	50.0%
Rock Creek Lake	3	1	33.3%
Rollins Lake	27	5	18.5%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	4	17.4%
Shaver Lake	48	17	35.4%
Silver Lake-Amador	6	1	16.7%
Silver Lake-Mono	8	1	12.5%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	2	33.3%
Sugar Pine Reservoir	4	4	100.0%
Topaz Lake	6	2	33.3%
Union Valley Reservoir	22	5	22.7%
Upper and Lower Blue Lakes	3	1	33.3%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	4	40.0%

Appendix G. Insufficient Water Depth (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	1	100.0%
Bear River Reservoir	6	2	33.3%
Beardsley Reservoir	16	3	18.8%
Big Bear Lake	54	25	46.3%
Boca Reservoir	6	2	33.3%
Bridgeport Reservoir	4	2	50.0%
Bullards Bar Reservoir	34	7	20.6%
Camp Far West Lake	12	3	25.0%
Caples Lake	7	2	28.6%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	8	17.0%
Donner Lake	20	3	15.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	1	3.6%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	2	50.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	1	100.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	5	35.7%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	1	5.3%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	4	80.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	2	66.7%
Lake Amador	9	2	22.2%
Lake Camanche	29	10	34.5%
Lake Clementine	12	1	8.3%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	3	30.0%
Lake Spaulding	6	2	33.3%
Lake Tahoe	108	19	17.6%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	1	3.7%
Lake Valley Reservoir	1	1	100.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	1	16.7%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	9	39.1%
New Melones Lake (Reservoir)	49	24	49.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	2	8.7%
Prosser Reservoir	2	1	50.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	2	7.4%
Saddlebag Lake	2	1	50.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	5	21.7%
Shaver Lake	48	7	14.6%
Silver Lake-Amador	6	1	16.7%
Silver Lake-Mono	8	1	12.5%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	1	16.7%
Union Valley Reservoir	22	2	9.1%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	2	20.0%

Appendix G. Lack of Parking (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	2	33.3%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	10	18.5%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	3	8.8%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	2	28.6%
Cherry Lake	5	2	40.0%
Convict Lake	10	3	30.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	1	7.1%
Don Pedro Lake	47	0	0.0%
Donner Lake	20	6	30.0%
Echo Lake	4	4	100.0%
Englebright Lake	28	8	28.6%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	1	50.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	2	11.1%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	1	11.1%
Kidd Lake	3	0	0.0%
Kings River	5	1	20.0%
Klondike Lake	1	1	100.0%
Lake Alpine	3	1	33.3%
Lake Amador	9	0	0.0%
Lake Camanche	29	2	6.9%
Lake Clementine	12	4	33.3%
Lake Eleanor	1	0	0.0%
Lake George	2	1	50.0%

Lake Mary	1	1	100.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	1	10.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	33	30.6%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	3	11.1%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	1	2.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	9	39.1%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	1	33.3%
Rollins Lake	27	8	29.6%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	1	100.0%
Scotts Flat Reservoir	23	6	26.1%
Shaver Lake	48	6	12.5%
Silver Lake-Amador	6	2	33.3%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	2	9.1%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Reservations Required (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	0	0.0%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	0	0.0%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	1	2.1%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	1	7.1%
Ice House Reservoir	18	1	5.6%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	1	5.3%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	1	20.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	0	0.0%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	3	2.8%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	0	0.0%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	1	4.3%
New Melones Lake (Reservoir)	49	1	2.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	3	13.0%
Shaver Lake	48	0	0.0%
Silver Lake-Amador	6	1	16.7%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	5	22.7%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	1	50.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Poor Water Quality (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	3	5.6%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	0	0.0%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	2	14.3%
Don Pedro Lake	47	1	2.1%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	1	3.6%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	1	25.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	1	3.4%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	0	0.0%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	0	0.0%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	3	13.0%
New Melones Lake (Reservoir)	49	0	0.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	0	0.0%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	0	0.0%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Floating Debris (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	4	25.0%
Big Bear Lake	54	1	1.9%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	7	20.6%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	0	0.0%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	4	14.3%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	1	12.5%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	1	33.3%
Lake Amador	9	2	22.2%
Lake Camanche	29	0	0.0%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	0	0.0%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	1	3.7%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	3	6.1%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	1	3.7%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	1	4.3%
Shaver Lake	48	3	6.3%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	0	0.0%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Reckless PWC Operators (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	11	20.4%
Boca Reservoir	6	2	33.3%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	4	11.8%
Camp Far West Lake	12	6	50.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	11	23.4%
Donner Lake	20	5	25.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	5	17.9%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	3	21.4%
Ice House Reservoir	18	3	16.7%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	1	12.5%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	2	40.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	13	44.8%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	16	14.8%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	8	29.6%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	3	13.0%
New Melones Lake (Reservoir)	49	4	8.2%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	1	4.3%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	5	18.5%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	14	29.2%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	2	33.3%
Union Valley Reservoir	22	2	9.1%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Issues with Shipping Vessels (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	0	0.0%
Boca Reservoir	6	0	0.0%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	0	0.0%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	0	0.0%
Donner Lake	20	0	0.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	0	0.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	0	0.0%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	0	0.0%
Lake Camanche	29	0	0.0%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	0	0.0%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	0	0.0%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	0	0.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	0	0.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	0	0.0%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	0	0.0%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	0	0.0%
Scotts Flat Reservoir	23	0	0.0%
Shaver Lake	48	0	0.0%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	0	0.0%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	0	0.0%
Union Valley Reservoir	22	0	0.0%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix G. Lack of Law Enforcement (motorized boaters)

Waterway	Responses	Stated Issue	Percent
American River-North Fork	1	0	0.0%
American River-South Fork	1	0	0.0%
Bear River Reservoir	6	0	0.0%
Beardsley Reservoir	16	0	0.0%
Big Bear Lake	54	0	0.0%
Boca Reservoir	6	1	16.7%
Bridgeport Reservoir	4	0	0.0%
Bullards Bar Reservoir	34	0	0.0%
Camp Far West Lake	12	0	0.0%
Caples Lake	7	0	0.0%
Cherry Lake	5	0	0.0%
Convict Lake	10	0	0.0%
Courtright Reservoir	10	0	0.0%
Crowley Lake	14	0	0.0%
Don Pedro Lake	47	4	8.5%
Donner Lake	20	3	15.0%
Echo Lake	4	0	0.0%
Englebright Lake	28	0	0.0%
Fallen Leaf Lake	1	0	0.0%
French Meadows Reservoir	4	0	0.0%
Fuller Lake	4	0	0.0%
Grant Lake	1	0	0.0%
Gull Lake	4	0	0.0%
Hell Hole Reservoir	4	1	25.0%
Highland Lakes	1	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	14	0	0.0%
Ice House Reservoir	18	2	11.1%
Indian Creek Reservoir	3	0	0.0%
Jackson Meadows Reservoir	8	0	0.0%
Jenkinson Lake	19	0	0.0%
June Lake	9	0	0.0%
Kidd Lake	3	0	0.0%
Kings River	5	0	0.0%
Klondike Lake	1	0	0.0%
Lake Alpine	3	0	0.0%
Lake Amador	9	3	33.3%
Lake Camanche	29	3	10.3%
Lake Clementine	12	0	0.0%
Lake Eleanor	1	0	0.0%
Lake George	2	0	0.0%

Lake Mary	1	0	0.0%
Lake Pardee	3	0	0.0%
Lake Sabrina	10	0	0.0%
Lake Spaulding	6	0	0.0%
Lake Tahoe	108	4	3.7%
Lake Thomas A. Edison	1	0	0.0%
Lake Tulloch	27	2	7.4%
Lake Valley Reservoir	1	0	0.0%
Lake Wildwood	1	0	0.0%
Loon Lake	6	0	0.0%
Mammoth Pool Reservoir	5	1	20.0%
Mono Lake	1	0	0.0%
Morning Star Lake	1	0	0.0%
New Hogan Lake	23	0	0.0%
New Melones Lake (Reservoir)	49	1	2.0%
New Spicer Meadow Reservoir	7	0	0.0%
Pine Mountain Lake	2	0	0.0%
Pinecrest Lake	23	2	8.7%
Prosser Reservoir	2	0	0.0%
Rock Creek Lake	3	0	0.0%
Rollins Lake	27	1	3.7%
Saddlebag Lake	2	0	0.0%
Salt Spring Reservoir	1	0	0.0%
Schaads Reservoir	1	1	100.0%
Scotts Flat Reservoir	23	1	4.3%
Shaver Lake	48	3	6.3%
Silver Lake-Amador	6	0	0.0%
Silver Lake-Mono	8	0	0.0%
Stanislaus River	1	0	0.0%
Stumpy Meadows Reservoir	6	1	16.7%
Sugar Pine Reservoir	4	0	0.0%
Topaz Lake	6	1	16.7%
Union Valley Reservoir	22	1	4.5%
Upper and Lower Blue Lakes	3	0	0.0%
Utica Reservoir	1	0	0.0%
Virginia Lakes	2	0	0.0%
Wishon Reservoir	10	0	0.0%

Appendix H. Boating Issues Reported by Non-motorized Boaters

Appendix H. Boating Access (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	2	20.0%
American River-North Fork	29	1	3.4%
American River-South Fork	159	4	2.5%
Bear River	3	1	33.3%
Bear River Reservoir	2	1	50.0%
Big Bear Lake	7	1	14.3%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	4	33.3%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	1	50.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	1	50.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	1	25.0%
June Lake	3	0	0.0%
Kern River	17	2	11.8%
Kings River	5	3	60.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	1	50.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%

Lake Tahoe	43	4	9.3%
Lake Valley Reservoir	2	0	0.0%
Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	1	20.0%
Mokelumne River	20	2	10.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	2	20.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	1	9.1%
Tuolumne River	10	2	20.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. Overcrowded (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	1	20.0%
American River-North Fork	29	1	3.4%
American River-South Fork	159	60	2.5%
Bear River	3	0	33.3%
Bear River Reservoir	2	0	50.0%
Big Bear Lake	7	0	14.3%
Boca Reservoir	2	1	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	1	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	33.3%
East Fork Carson River	5	1	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	50.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	50.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	2	25.0%
June Lake	3	0	0.0%
Kern River	17	2	11.8%
Kings River	5	0	60.0%
Lake Alpine	5	2	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	1	50.0%
Lake Clementine	3	0	0.0%
Lake George	1	1	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	4	9.3%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	1	20.0%
Mokelumne River	20	0	10.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	4	20.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	1	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	1	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	9.1%
Tuolumne River	10	0	20.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	1	0.0%
Wrights Lake	4	1	0.0%

Appendix H. Poor Ramp Conditions (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	2	1.3%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	1	14.3%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	1	50.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	1	33.3%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	1	10.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. Poor Road Access (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	1	10.0%
American River-North Fork	29	8	27.6%
American River-South Fork	159	1	0.6%
Bear River	3	1	33.3%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	2	40.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	1	33.3%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	1	20.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	2	20.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	1	16.7%
Wrights Lake	4	1	25.0%

Appendix H. Issues with Invasive Species (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	4	2.5%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	1	2.3%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	1	10.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. Issues with Reckless PWC Operators (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	1	0.6%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	1	50.0%
Donner Lake	12	1	8.3%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	7	16.3%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. Shipping Vessels (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	0	0.0%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. Lack of Law Enforcement (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	1	3.4%
American River-South Fork	159	13	8.2%
Bear River	3	1	33.3%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	1	8.3%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	4	20.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	1	33.3%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	1	10.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. Lack of Parking (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	1	10.0%
American River-North Fork	29	12	41.4%
American River-South Fork	159	39	24.5%
Bear River	3	1	33.3%
Bear River Reservoir	2	2	100.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	1	50.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	3	25.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	1	50.0%
Englebright Lake	2	1	50.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	1	100.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	1	50.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	5	29.4%
Kings River	5	1	20.0%
Lake Alpine	5	2	40.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	1	33.3%
Lake George	1	0	0.0%
Lake Mary	3	1	33.3%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	11	25.6%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	1	20.0%
Mokelumne River	20	6	30.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	2	20.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	1	33.3%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	3	27.3%
Tuolumne River	10	1	10.0%
Union Valley Reservoir	3	1	33.3%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	3	50.0%
Wrights Lake	4	1	25.0%

Appendix H. Reservations Required (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	1	0.6%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	1	50.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	1	2.3%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	1	50.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	1	10.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. Poor Water Quality (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	1	0.6%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	1	5.9%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	1	5.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. Floating Debris (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	1	3.4%
American River-South Fork	159	1	0.6%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	3	17.6%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	1	10.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. Issues with motorized Boaters (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	0	0.0%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	1	14.3%
Boca Reservoir	2	1	50.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	3	25.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	1	25.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	1	33.3%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	10	23.3%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	2	10.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. Issues with Non-motorized Boaters (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	0	0.0%
American River-South Fork	159	7	4.4%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	0	0.0%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. Excessive/Rude Law Enforcement (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	0	0.0%
American River-North Fork	29	1	3.4%
American River-South Fork	159	5	3.1%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	0	0.0%
Boca Reservoir	2	0	0.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	0	0.0%
Cherry Lake	1	0	0.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	0	0.0%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	0	0.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	0	0.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	1	50.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	0	0.0%
June Lake	3	0	0.0%
Kern River	17	0	0.0%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	1	2.3%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	0	0.0%
Mono Lake	3	0	0.0%
New Spicer Meadow Reservoir	3	0	0.0%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	0	0.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	0	0.0%
Silver Lake-Amador	3	0	0.0%
Silver Lake-Mono	2	0	0.0%
Stanislaus River-North Fork	2	0	0.0%
Sugar Pine Reservoir	1	0	0.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	0	0.0%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	0	0.0%
Utica Reservoir	6	0	0.0%
Wrights Lake	4	0	0.0%

Appendix H. I have not experienced problems at this waterway (Non-motorized Boaters)

Waterway	Responses	Stated Issue	Percent
American River-Middle Fork	10	3	30.0%
American River-North Fork	29	1	3.4%
American River-South Fork	159	18	11.3%
Bear River	3	0	0.0%
Bear River Reservoir	2	0	0.0%
Big Bear Lake	7	2	28.6%
Boca Reservoir	2	1	50.0%
Bridgeport Reservoir	1	0	0.0%
Bullards Bar Reservoir	1	0	0.0%
Caples Lake	3	1	33.3%
Cherry Lake	1	1	100.0%
Convict Lake	2	0	0.0%
Cosumnes River	8	1	12.5%
Crowley Lake	1	0	0.0%
Don Pedro Lake	2	0	0.0%
Donner Lake	12	0	0.0%
East Fork Carson River	5	2	40.0%
East Fork Walker River	1	0	0.0%
Echo Lake	2	0	0.0%
Englebright Lake	2	0	0.0%
Fallen Leaf Lake	2	1	50.0%
Fuller Lake	1	0	0.0%
Grant Lake	2	0	0.0%
Hume Lake	2	0	0.0%
Huntington Lake	2	0	0.0%
Ice House Reservoir	2	0	0.0%
Indian Creek Reservoir	1	0	0.0%
Jackson Meadows Reservoir	1	0	0.0%
Jenkinson Lake	4	1	25.0%
June Lake	3	1	33.3%
Kern River	17	2	11.8%
Kings River	5	0	0.0%
Lake Alpine	5	0	0.0%
Lake Amador	1	0	0.0%
Lake Arrowhead	2	0	0.0%
Lake Clementine	3	0	0.0%
Lake George	1	0	0.0%
Lake Mary	3	0	0.0%
Lake Spaulding	1	0	0.0%
Lake Tahoe	43	5	11.6%
Lake Valley Reservoir	2	0	0.0%

Loon Lake	2	0	0.0%
Mammoth Pool Reservoir	1	0	0.0%
McKays Reservoir	1	0	0.0%
Merced River	5	0	0.0%
Mokelumne River	20	5	25.0%
Mono Lake	3	1	33.3%
New Spicer Meadow Reservoir	3	1	33.3%
Pinecrest Lake	10	0	0.0%
Prosser Creek Reservoir	2	1	50.0%
Scotts Flat Reservoir	2	0	0.0%
Shaver Lake	3	1	33.3%
Silver Lake-Amador	3	1	33.3%
Silver Lake-Mono	2	1	50.0%
Stanislaus River-North Fork	2	1	50.0%
Sugar Pine Reservoir	1	1	100.0%
Sunflower Lake	1	0	0.0%
Truckee River	11	5	45.5%
Tuolumne River	10	0	0.0%
Union Valley Reservoir	3	0	0.0%
Upper and Lower Blue Lake	1	1	100.0%
Utica Reservoir	6	1	16.7%
Wrights Lake	4	1	25.0%

Appendix I. Facilities by Waterway

Appendix I. Existing Boating Facilities & Access on Waterways

Waterways	Boat Launch	Dry Storage	Marina	Mooring Field	Aquatic Center/ BISC	Boating Access	Fuel Dock	Landing/ Boat-In Sites	Marine Services/ Repair	SSR Facility	Yacht Club	Total Facilities Identified
American River-Middle Fork	5	0	0	0	0	1	0	0	0	0	0	6
American River-North Fork	1	0	0	0	0	3	0	0	0	0	0	4
American River-South Fork	3	0	0	0	0	3	0	0	0	0	0	6
Bear River Reservoir	1	0	1	0	0	0	0	0	0	0	0	2
Beardsley Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Big Bear Lake	5	4	6	1	0	0	0	0	0	0	1	17
Big Trees Creek	0	0	0	0	0	1	0	0	0	0	0	1
Boca Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Bridgeport Reservoir	1	1	1	0	0	1	0	0	0	0	0	4
Bullards Bar Reservoir	2	1	3	1	0	0	0	3	0	1	0	11
Camp Far West Lake	2	0	0	0	0	0	0	0	0	0	0	2
Caples Lake	2	0	1	0	0	0	0	0	0	0	0	3
Cherry Lake	1	0	0	0	0	0	0	0	0	0	0	1
Convict Lake	1	0	1	0	0	0	0	0	0	0	0	2
Crowley Lake	1	1	1	1	0	0	0	0	0	1	0	5
Don Pedro Lake	3	2	4	1	0	1	0	0	0	1	0	12
Donner Lake	1	0	1	0	0	0	0	0	0	0	0	2
Echo Lake	1	0	1	0	0	0	0	0	0	0	0	2
Englebright Lake	1	0	1	0	0	0	0	0	0	0	0	2
Fallen Leaf Lake	1	0	1	0	0	0	0	0	0	0	0	2
French Meadows Reservoir	2	0	0	0	0	1	0	0	0	0	0	3
Fuller Lake	1	0	0	0	0	0	0	0	0	0	0	1
Grant Lake	1	1	1	0	0	0	0	0	0	0	0	3
Gull Lake	2	0	1	0	0	0	0	0	0	0	0	3
Hell Hole Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Highland Lakes	1	0	0	0	0	0	0	0	0	0	0	1
Hume Lake	0	0	0	0	0	1	0	0	0	0	0	1
Huntington Lake	2	0	2	0	0	0	0	0	0	0	0	4
Ice House Reservoir	1	0	1	0	0	0	0	0	0	0	0	2
Indian Creek Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Jackson Meadows Reservoir	2	0	0	0	0	0	0	0	0	0	0	2
Jenkinson Lake	0	0	0	0	0	1	0	0	0	0	0	1
June Lake	2	0	1	0	0	0	0	0	0	0	0	3
Kerckhoff Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Kern River	2	0	0	0	0	5	0	0	0	0	0	7
Kings River	2	0	1	0	0	3	0	0	0	0	0	6
Lake Alpine	1	2	2	0	0	0	0	0	0	0	0	5
Lake Amador	1	0	0	0	0	0	0	0	0	0	0	1
Lake Arrowhead	0	0	0	0	0	0	0	0	0	0	1	1
Lake Camanche	2	2	2	0	0	0	0	0	0	0	0	6
Lake Clementine	0	0	0	0	0	1	0	1	0	1	0	3
Lake George	2	0	0	0	0	0	0	0	0	0	0	2
Lake Mamie	1	1	1	0	0	0	0	0	0	0	0	3
Lake Mary	1	0	1	0	0	0	0	0	0	0	0	2
Lake Pardee	1	1	1	0	0	0	0	0	0	0	0	3
Lake Sabrina	1	0	1	0	0	0	0	0	0	0	0	2
Lake Spaulding	1	0	0	0	0	0	0	0	0	0	0	1
Lake Tahoe	15	8	11	6	0	3	0	1	0	0	0	44
Lake Tulloch	2	0	3	0	0	0	0	0	0	0	0	5
Loon Lake	1	0	0	0	0	0	0	0	0	0	0	1
Lower Blue Lake	0	0	0	0	0	1	0	0	0	0	0	1
Lower Twin Lake	1	0	1	1	0	0	0	0	0	0	0	3
Lundy Lake	2	1	1	0	0	0	0	0	0	0	0	4

Mammoth Pool Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Mokelumne River	1	0	0	0	0	3	0	0	0	0	0	4
Mono Lake	2	0	0	0	0	1	0	0	0	0	0	3
Morning Star Lake (Big Reservoir)	1	0	1	0	0	0	0	0	0	0	0	2
New Hogan Lake	1	0	0	0	0	0	0	0	0	0	0	1
New Melones Reservoir (Lake)	3	0	1	0	0	0	0	0	0	0	0	4
New Spicer Meadow Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Pinecrest Lake	1	0	1	0	0	0	0	0	0	0	0	2
Prosser Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Rock Creek Lake	1	0	1	0	0	1	0	0	0	0	0	3
Rollins Lake	3	1	3	0	0	0	0	0	0	0	0	7
Saddlebag Lake	1	0	1	0	0	0	0	0	0	0	0	2
Salt Spring Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Scotts Flat Reservoir	1	1	1	1	0	0	0	0	0	0	0	4
Scotts Flat Reservoir	3	2	2	2	0	0	0	0	0	0	0	9
Shaver Lake	1	1	2	0	0	1	0	0	0	0	0	5
Silver Lake	2	0	1	0	0	2	0	0	0	0	0	5
Stanislaus River	2	0	0	0	0	2	0	0	0	0	0	4
Stumpy Meadows Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Sugar Pine Reservoir	1	0	0	0	0	0	0	0	0	0	0	1
Topaz Lake	1	1	1	0	0	0	0	0	0	0	0	3
Truckee River	2	0	0	0	0	0	0	0	0	0	0	2
Tuolumne River	0	0	0	0	0	1	0	0	0	0	0	1
Twin Lakes	0	0	0	0	0	1	0	0	0	0	0	1
Union Valley Reservoir	4	0	0	0	0	0	0	0	0	0	0	4
Upper Twin Lake	1	1	1	0	0	0	0	0	0	0	0	3
Virginia Lakes	1	0	0	0	0	0	0	0	0	0	0	1
Wishon Reservoir	2	1	1	1	0	0	0	0	0	0	0	5
Wright's Lake	0	0	0	0	0	1	0	0	0	0	0	1
Yuba River	1	0	1	1	0	0	0	0	0	0	0	3
Total Count	128	33	71	16	0	39	0	5	0	4	2	298

Appendix J. Launch Locations by Waterway

Appendix J. Launch Locations Reported by Boaters

Launch Location	Frequency Reported
American River-Middle Fork	
Chile Bar	2
Drivers Flat Rd	2
Ruck a Chucky	2
Marshall Gold	1
American River-North Fork	
Iowa Hill Road, Colfax	10
Lake Clemantine Dam	2
Mineral Bar	2
Yankee Jim's Bridge	2
Sac Main Marina	1
USFG Campground, Iowa Hill Road	1
American River-South Fork	
Marshall Gold State Park	44
Chile Bar	35
Greenwood	19
Camp Lotus	9
Coloma	7
Lotus	6
Environmental Traveling Companions (ETC) River Camp	1
Nergo Bar	1
Private Campground along river	1
Bear River	
Above Hansen's gravel pit	1
End of road by Colfax High School	1
Bear River Reservoir	
Main Launch	2
Beach before Dam	1
Bear River Lake Resort	1
Campground	1
Beardsley Reservoir	
Main Launch	12
Big Bear Lake	
East Main Launch	14
Main Launch	10
Holloway's Main Marina	6
West Main Launch	6
Pine Knot Main Marina	4
Pleasure Cove Main Marina	4

Big Bear Main Marina	1
Captain Johns	1
Fawnskin	1
North Shore Launch	1
Boca Reservoir	
Boca/Stampede/Prosser	4
West Main Launch	2
Bridgeport Reservoir	
Rocky area called the Bathtub	1
County Main Launch	1
Down by the Dam	1
Bullards Bar Reservoir	
Dark Day Main Launch	20
Dam Main Marina Launch	6
Emerald Cove Main Marina	6
Bullards Bar Main Marina	1
Schoolhouse	1
South Entrance	1
Camp Far West Lake	
North Shore Main Launch	5
South Campgrounds	3
Jet Ski Cove	1
Main Launch	1
Quater Mile Cove	1
Caples Lake	
El Dorado Irrigation District (EID) launch	1
Cherry Lake	
Main Launch	4
Convict Lake	
Convict Lake Main Launch	8
Cosumnes River	
Public Main Launch	1
Courtright Reservoir	
Courtright Boat Main Launch	4
Main Launch-Marmont Campground	2
Launch by the Dam	1
PG&E Free Main Launch	1
Crowley Lake	
Crowley Lake Fish Camp	6
Beaver Cove	1
Fish Camp	1
Don Pedro Lake	
Femming Meadows	20

Mocassin Point	16
Blue Oaks Campground Main Launch	5
Main Launch	4
At entrance gate	1
Main Marina FARTHEST from Dam	1
Donner Lake	
Donner Lake Boat Main Launch	9
Tahoe Donner HOA Beach	7
State Park Main Launch	5
Along Donner Pass Rd.	1
Beach	1
East End Beach	1
Public Main Launch	1
East Fork Carson River	
Hangman's Bridge	4
East Fork Walker River	
Hangman's Bridge	1
Echo Lake	
Echo Chalet	4
Englebright Lake	
Englebright Lake Main Launch	10
Joe Miller Main Launch	6
Skipper Cove	5
The Narrows boat Main Launch	2
Army Corps Engineers Main Launch	1
East Main Launch	1
Narrows Launch Area	1
Fallen Leaf Lake	
Shore	1
French Meadows Reservoir	
French Meadows Boat Main Launch	1
Turkey Point	1
Fuller Lake	
Campground	1
Fuller Lake Boat Main Launch	1
Gull Lake	
Gull Lake Main Marina	3
Hell Hole Reservoir	
Hell Hole Boat Main Launch	3
Highland Lakes	
East Main Launch	1
Hume Lake	
Campground	1

Huntington Lake

Huntington Lake Main Marina	3
LakeShore	3
Main Launch	3
Rancheria Launch Site	2
Rancheria Creek	1

Ice House Reservoir

Ice House Boat Main Launch	14
Campsite	1
South Silver Creek	1

Indian Creek Reservoir

Indian Creek Main Launch	1
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Jackson Meadows Reservoir

East Meadow Boat Main Launch	1
Main Launch	6

Jenkinson Lake

Main Launch	13
Camp Grounds Boat Main Launch	1
EID Main Launch	1
Stonebracker	1

June Lake

June Lake Main Marina	3
Far Parking Lot	1

Kern River

Powerhouse	4
Hobo springs	1
Southern California Edison (SCE)	1
Thunderbird	1
Upper River put-ins	1

Kidd Lake

Campsite	1
Main Launch	2

Kings River

Garnet Dyke	3
Club Royal Oak Road 28, Kingsburg	2
Hermit Hole	1
Private Property	1
Top	1

Lake Alpine

East Beach	1
Lake Alpine Main Launch	1

Lake Amador

Amador Main Launch	10
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Lake Arrowhead

Private Main Launch	1
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Lake Camanche

Camanche North Shore	22
South Shore Main Marina	3
Camanche Resort	1
Campground	1
Mooring ball	1

Lake Clementine

Clementine North Shore	4
Dam Main Launch	4
Lower Clementine	3

Lake George

Lake George Resort	1
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Lake Mary

Lake Mary Rental Shop	1
Pokonobe launch area	1

Lake Pardee

Main Marina Main Launch	3
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Lake Sabrina

Lake Sabrina boat Main Launch	7
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Lake Spaulding

Main Launch	6
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Lake Tahoe

Tahoe Keyes Main Marina	23
Lake Forest	13
Obexers Main Marina	11
Cave Rock Main Launch, NV	7
Meeks Bay	7
Tahoe City Main Marina	6
Commons Beach	4
Kings Beach	4
North Shore State Main Launch	3
Private Mooring	3
Sierra Boat Co.	3
South Lake Tahoe	3
Beach	2
South Lake Tahoe Main Marina	2
U.S. Coast Guard station-North Lake	2
Watermans Landing	2
Zepher Cove	2
Baldwin Beach	1
Bliss State Park	1

Carnelian Bay	1
DL Bliss	1
El Dorado Beach	1
Homewood Main Marina	1
Keys Main Marina	1
Lakeside Main Marina	1
Park entrance	1
Patten Landing	1
Pope Beach	1
Speed Boat Cove	1
Sunnyside	1
Lake Tulloch	
South RV Camp and Main Marina	6
Lake Tulloch RV Campground	4
Kiva	3
Lake Tulloch Main Marina	2
Poker flat Main Launch	2
Private Main Launch	2
Main Launch	1
Black Jack Bluffs	1
Calypso Bay HOA	1
Drifter's Main Marina	1
Lake Valley Reservoir	
Edge of lake, not named	1
Lake Valley Reservoir	
Day Use Boat Launch-Main Launch	1
Lake Wildwood	
Main Marina Main Launch	1
Loon Lake	
Main Launch	3
Loon Lake Campground	1
Mammoth Pool Reservoir	
Main Launch	2
Wagner	1
Merced River-Madera, Tuolumne	
Red Bud Bridge	1
Suspension	1
Mokelumne River	
Electra	12
Lodi Lake	1
Mono Lake	
High Sierra Brine Shrimp	1
Navy Beach	1

New Hogan Lake

Main Boat Launch	9
Acorn	3
Glory Hole Side	1

New Melones Lake (Reservoir)

Glory Hole	24
Tuttle town Main Launch	14
Main Launch	4

New Spicer Meadow Reservoir

Boat Ramp	1
Group Camp Site	1

Pine Mountain Lake

Main Marina Beach	2
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Pinecrest Lake

Main Beach	12
Pinecrest Lake Boat Main Launch	8
By Fishing Pier	1

Prosser Reservoir

Main Launch	1
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Rock Creek Lake

Group Campsite-East Side	1
Main Launch	1

Rollins Lake

Green Horn Campground	6
Long Ravine	12
Main Launch	2
Orchard Springs	4

Salt Spring Reservoir

By the Dam	1
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Schaads Reservoir

Main Launch	1
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Scotts Flat Reservoir

Main Boat Launch	9
Campground	7
Cascade Shores	2
Lower Scotts Flat at Roadway	1
Scotts Flat Lake Main Marina	1
Scotts Flat Road	1

Shaver Lake

Main Marina/main launch	36
Camp Edison	6
Day Use Area	1
Edison Lake	1

From the Shore	1
Launch at North End of the Lake	1
Upper Launch	1
Silver Lake-Amador	
EID Operated Site	1
Kit Carson Lodge	1
Shore	1
Silver Lake-Mono	
Main Launch	1
Silver	1
Stanislaus River-North Fork	
S La Grange Bridge	1
Stumpy Meadows Reservoir	
Main Launch	5
Sugar Pine Reservoir	
Main Boat Launch	3
Topaz Lake	
Campsite Main Launch	1
Douglas county NV park	1
Topaz Lake RV Resort	1
Western Shore(CA) of Topaz Lake	1
Truckee River	
Donner Creek Access	1
Henderson	1
Park	1
River Wdge	1
River Ranch	1
Truckee	1
Tuolumne River	
Meral's Pool	2
Old La Grange Bridge	2
Holm Powerhouse	1
Union Valley Reservoir	
Sunset	6
Yellow Jacket	5
At the Dam	2
Fashoda	2
Peninsula	2
Free Shoreline	1
Private SMUD Campground launch	1
Main Launch near campsite	1

Upper and Lower Blue Lakes

Upper Blue Lake Shore	1
Campsite	1

Utica Reservoir

Main Launch	1
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Virginia Lakes

Gravel Main Launch	1
No name launch	1

Wishon Reservoir

Main Launch	8
Lilypad Campground	1

Wrights Lake

Main Launch	3
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Total Count = 971