

Visitor Experience Quality at the Kettle Falls Area of Lake Roosevelt National Recreation Area

Report Prepared for the National Park Service

******DRAFT******

Andrew Bentley
Troy Hall

*Department of Conservation Social Sciences
University of Idaho
Moscow, ID 83844-1139*

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INTRODUCTION

This report by the Conservation Social Sciences Department at the University of Idaho (UI) is one of several products delivered as part of a project to develop a monitoring tool to assess public need for recreational access at the Kettle Falls area of Lake Roosevelt National Recreation Area (LARO). This report helps to assess public need for recreation sites at LARO by identifying current visitor experience quality at developed and dispersed shoreline sites and is part of sequenced approach to developing an appropriate tool for monitoring changes in recreational demand over time.

In our previous summary report about recreational needs assessments (Bentley & Hall 2011), we described and evaluated measurement approaches commonly used to assess recreational demand at parks and recreation areas with shoreline characteristics similar to LARO. The two general approaches included several methods to estimate the number at visitors to particular sites at any one time (to establish average use density) and visitor experience quality measurements. These latter methods typically determine quality as a function of visitor satisfaction with facilities and services, perceived crowding, and problems noticed by park visitors. Consistent with the measurement techniques used in previous needs assessments, we administered surveys that asked a series of questions pertaining to such topics. We also asked questions related to support for management actions specific to LARO, as well as normative questions about acceptable use levels. To characterize differences among managerially relevant subgroups, we collected trip and visitor data. This report summarizes the findings from the surveys and begins by explaining the sampling plan, study sites, and how the questionnaire survey was administered. Results of the survey are included in table format for each question. Where managers might be interested in differences among subgroups (e.g., day users vs. campers or between participants in different activities), we provide additional analyses.

METHODS

During the summer of 2011, UI researchers implemented a systematic visitor survey at eight selected LARO recreation sites in the vicinity of Kettle Falls, WA (Table 1) using on-site, written questionnaires. These sites were selected in consultation with LARO managers and include both developed and undeveloped shoreline recreation sites. Developed sites have paved access and parking lots adjacent to the shoreline, and are accompanied by facilities such as picnic tables, restrooms, trash receptacles, swim docks, and/or boat ramps. Undeveloped sites consist of informal parking areas, gravel or unimproved roadways, and few if any facilities.

Data were collected at the eight sites from June to August on 44 randomly selected days. These eight sites were assembled into two groups of four sites each, so that each cluster was visited every other sample day, between the hours of 10:00 a.m. to 5:00 p.m., for a total of 22 visits per site. This allowed researchers 75 minutes at each site, which was required for travel, preparation, and visitor intercept. The four site locations within each group were visited in the same sequence each day, although the starting site for each day was randomized. Table 1 shows each cluster and the site sequence, along with rules used to establish where to collect data at each specific site.

Table 1. LARO Recreation Sites Where Visitor Surveys Were Collected in 2011

	Recreation Site	Data Collection Area
Group I	Evans Campground	Campsites along all loops
	Kettle Falls Campground	Campsites along all loops
	Lions Island	Study site was located at the end of the undeveloped access road beyond Locust Grove group campsite and along the shore stretching for 75 yards to the south and 25 yards to the north. Locust Grove group campsite and adjacent parking/turnaround area were not included.
	Bradbury Beach	Developed swim area and the two parking lots that serve the swim beach.
Group II	Evans Day Use Area	Parking areas, designated swim area, shoreline 50 yards south and 50 yards north to the courtesy dock
	Kettle Falls Marina	Boat ramp and launch dock, parking lots north and south of the ramp, entrance road shoulders, and shoreline immediately north of the boat ramp. Visitors were not approached for participation while on leased moorage, fuel dock, or houseboat moorage.
	Colville Flats	Parking area and adjacent shoreline extending 150 yards south of the parking area.
	Rickey Point	Parking area along the undeveloped access road and shoreline north and south of the parking area. Did not include the sailboat marina area.

Upon arriving at the study site, UI researchers approached visitors within the specified bounds of each area. They made verbal appeals for survey participation to visitors appearing to be at least 18 years of age. Based on recreational use estimates from our work in 2010 regarding average visitor use at each site, visitors were approached according to predetermined intervals (see Appendix A). In this way, we reduced the possibility of researcher selection bias while collecting the required number of questionnaires needed for robust statistical analysis. For example, at high use sites like Kettle Campground, a visitor from every third occupied campsite was approached to participate in the survey until the 75-minute interval was finished. At the lower use site, Rickey Point, every adult was asked to participate.

Willing participants were given a brief explanation of the study along with the questionnaire, pencil, and clipboard. Researchers collected the completed questionnaires prior to leaving for the next site. Visitors who refused to participate were thanked and researchers proceeded to the next eligible participant. Information about group composition and activities were documented on a log sheet for all visitors approached, so that potential non-response bias could be examined. Visitors who had completed the questionnaire on a previous occasion were not asked to complete it again.

The questionnaire took visitors from 10 to 15 minutes to complete. Rather than ask visitors to complete an extensive survey, the questions were divided into two different versions to decrease

the burden on each visitor. The two questionnaires were distributed alternately to every other eligible participant. Version one (Appendix B) contained items most pertinent to practical management concerns, with questions related to facilities, services, and visitor crowding. The second version (Appendix C) included items related to visitor place attachment and the psychological benefits of visiting lakeshore recreation sites.

RESULTS

Assessment of non-response bias

A variety of observable characteristics were documented for individuals who refused to complete the survey. These demonstrated that there were some systematic differences between people who agreed and refused to complete a questionnaire. Women, people with children in their group, and people engaged in passive activities (e.g., beach-going, relaxing) were more likely to agree to the survey. Refusal rates were much higher among people doing tasks like setting up camp, readying a boat to launch, or “partying.” Refusal rates varied considerably across sites, being highest at Kettle Falls Marina (41.4%) than at the beach sites. People were more likely to comply when temperatures were cooler and earlier in the day. Specific response rates were as follows:

- Men (n=325) 73.5%, women (N=429) 84.4%, $p<.0005$.
- People without children (n=375) 74.9%, people with children (n=382) 83.8%, $p=.002$.
- Bradbury Beach (n=76) 94.7%, Evans Campground (n=88) 92.0%, Kettle Falls Campground (n=89) 87.6%, Evans Day Use Area (n=109) 84.4%, Lion’s Island (n=55) 80.0%, Colville Flats (n=105) 79%, Rickey Point (n=63) 22.2%, Kettle Falls Marina (n=169) 58.6%, $p<.0005$.
- Temperatures in the 60s (n=12) 91.7%, 70s (n=205) 88.3%, 80s (n=522) 77.0%, 90s (n=9) 77.8%, 100s (n=9) 0.0%, $p<.0005$.
- 8:00 a.m. to 10:30 a.m. (n=59) 89.8%, 10:30 a.m. to 12:00 (n=101) 87.1%, 12:00 to 2:30 p.m. (n=341) 78.0%; 2:30 p.m. to 5:00 p.m. (n=256) 75.8%, $p=.018$.
- Food-related activities (n=69) 88.4%, relaxing (n=216) 86.1%, beach-related activities (n=280) 84.6%, walking (n=20) 70.0%, partying (n=16) 68.8%, boating (n=40) 57.5%, tasks or chores (n=75) 48.0%, $p<.0005$.

Characteristics of the sample

A total of 601 surveys was completed across the eight shoreline sites. Table 2 shows that the fewest questionnaires were collected at sites with low use as identified by the 2010 visitor use study (Lion’s Island and Rickey Point), while the most surveys were collected at Kettle Falls Marina.

Just over 43% of the surveys were collected on weekend days, and 56% were collected during weekdays (Figure 1). Women made up 59% of the respondents. Table 3 shows that just under half of LARO visitors were 31 to 50 years of age, and the age range observed in this study was 18 to 88 years of age (children were not surveyed).

Table 2. Number of Surveys per Site

Site	n	%
Kettle Marina	103	17.1
Evans Day Use	89	14.8
Colville Flats	83	13.8
Evans Campground	82	13.6
Kettle Campground	79	13.1
Bradbury Beach	72	12.0
Rickey Point	49	8.2
Lion's Island	44	7.3
Total	601	100.0

Figure 1. Distribution of Surveys, by Day of Week (n=601)

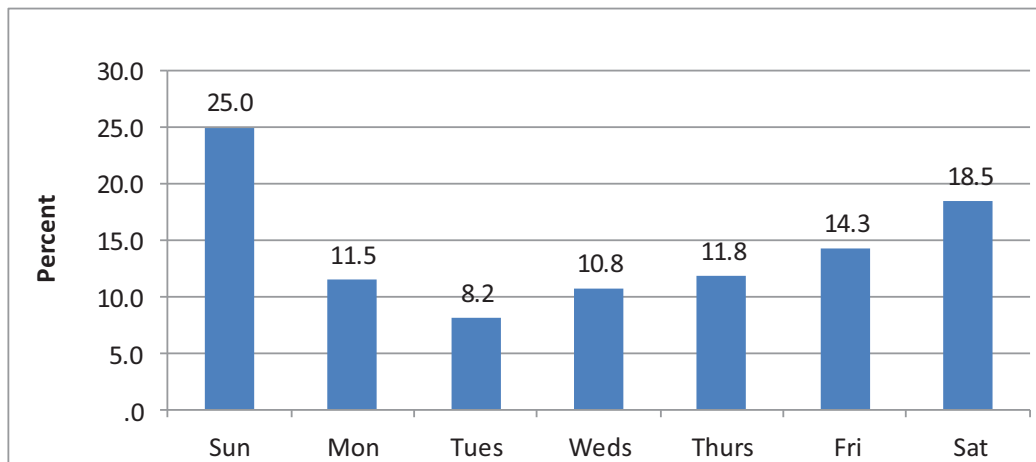


Table 3. Age Range of Survey Respondents

Age	n	%
17-20	22	3.9
21-30	90	15.8
31-40	146	25.7
41-50	117	20.6
51-60	101	17.8
61-70	70	12.3
71-80	19	3.3
> 80	4	0.7

Visitors indicated their group size, including the number of children. Due to the presence of some large groups, the average group consisted of four adults, although just over half had only two or three adults (Table 4). Nearly 40% of percent of visitors were in groups without children, but in groups with children, the average was 2.5 children.

Table 4. Number of Adults and Children in Visitor Groups

Group Size	Adults (n=575)		Children (n=572)	
	Number of Adults	Percent	Number of Children	Percent
0	NA		224	39.2
1	45	7.8	58	10.1
2 to 3	293	51.0	150	26.2
4 to 6	150	26.1	95	16.6
7 to 10	54	9.4	27	4.7
11 to 20	26	4.5	14	2.4
> 20	7	1.2	4	0.7

More than 88% of respondents indicated that they were United States residents, and nearly all of these visitors were from the western United States (Zip Codes starting with “8” or “9”). The majority of Washington State visitors were from the eastern half of the state, and visitors from the northeastern part of the state accounted for more than 70% of all LARO visitors (Table 5).

Trip characteristics

We asked visitors at each recreation site if they were day or overnight visitors, as well as whether they were staying in a private residence during their recreational visit (50 people did not answer this question). Visitors who classified themselves as staying overnight did not necessarily spend the night at the site where they were surveyed. For example, visitors to Lion’s Island may have walked or ridden bicycles from Locust Grove group campsite, from Kettle Falls campground, or from a private residence. It was expected that participants sampled in campgrounds would be mostly be overnight visitors and that a large segment of those sampled at day use sites would respond that they were on day trips or staying elsewhere such as in a private residence. These expectations were largely supported (Table 6). Four sites (Bradbury Beach, Colville Flats, Kettle Falls Marina, and Rickey Point) were especially popular with local residents and others staying in private residences.

Table 5. Domestic Visitors' Primary Residence, by Zip Code

Zip code	n	Percent
0xxxx	5	1.1
1xxxx	1	0.2
2xxxx	0	0.0
3xxxx	3	0.7
4xxxx	1	0.2
5xxxx	4	0.9
6xxxx	1	0.2
7xxxx	1	0.2
8xxxx	13	2.9
9xxxx	421	93.6

Washington Zip Code

98xxx (Western WA)	76	18.1
99xxx (Eastern WA)	335	79.6

NE Washington Zip Code		% of WA	% of entire sample
990xx = north of Spokane	29	6.9	6.4
991xx = Colville	237	56.3	52.7
992xx = Spokane area	61	14.5	13.6
993xx = Pullman	6	1.4	1.3
All NE Washington		79.1	74.0

Table 6. Trip Length, by Site

Site	n	Day	Overnight	Private Residence
-----Percent-----				
Rickey Point	41	58.5	12.2	29.3
Colville Flats	69	55.1	17.4	27.5
Bradbury Beach	63	46.0	20.6	33.3
Evans Day Use Area	84	41.7	40.5	17.9
Kettle Falls Marina	98	20.4	49.0	30.6
Lion's Island	39	15.4	66.7	17.9
Kettle Falls Campground	78	1.3	98.7	0.0
Evans Campground	80	0.0	100.0	0.0
Total	552	27.7	53.4	18.8

The majority of day users stayed less than eight hours, as shown in Table 7, with an average day trip length of 4.5 hours. Visitors who responded that they were staying in private residences spent more time at LARO on average than other day users (Table 8). Visitors using the Marina and staying at private residences had the longest visits, more than 6 hours on average. The shortest visits were typically at Evans Day Use site, where visitors stayed on average a little over 3 hours.

Table 7. Length of Day Trips

Hours	n	Percent
1	19	8.4
2	32	14.1
3	29	12.8
4	55	24.2
5	32	14.1
6	29	12.8
7	0	0.0
8	17	7.5
9	1	0.4
10	4	1.8
11 to 18	9	4.0
Total	227	100.1

Table 8. Length of Day Trips (Hours), by Site

Site	Day Users			Private Residence		
	n	Mean	SD	n	Mean	SD
Lions Island	6	4.50	1.76	6	4.67	3.78
Colville Flats	37	4.38	2.25	12	5.83	2.66
Bradbury Beach	29	4.34	1.99	16	3.84	2.46
Kettle Falls Marina	17	4.24	3.01	7	6.29	4.50
Evans Day Use	35	3.97	2.19	9	3.33	1.22
Rickey Point	23	3.80	2.40	8	4.25	2.19
Total	148	4.27	2.40	58	4.61	2.87

Among visitors who stayed overnight, most stayed four days or less (Table 9), although some elected to stay longer. When separated by sites where participants completed the survey (Table 10), visitors who completed the survey at Kettle Falls Campground stayed the longest (4.5 days on average). Some overnight visitors were encountered at Kettle Falls Marina, and it is likely that some of these users were camping along the undeveloped shoreline with their watercraft.

There was no overnight use reported by visitors to Colville Flats, Rickey Point, or Bradbury Beach, which is understandable, as these sites are not managed for overnight use.

Table 9. Length of Overnight Visits in Days

Days	n	Percent
1	13	4.6
2	43	15.2
3	80	28.3
4	59	20.8
5	29	10.2
6	14	4.9
7	22	7.8
8	5	1.8
9	5	1.8
10 to 15	9	3.2
> 15	4	1.4
Total	283	100.0

Table 10. Average Length of Overnight Trips (Days), by Site

Site	n	Overnight		Private Residence		
		Mean	SD	n	Mean	SD
Evans Campground	79	4.20	2.39			
Evans Day Use	27	4.28	2.16			
Kettle Falls Campground	68	4.52	2.71			
Kettle Falls Marina	38	3.83	3.00	19	3.97	0.68
Lion's Island	20	3.55	0.60			

Overnight accommodations

Overnight users were asked about the types of lodging used within and outside the boundaries of LARO during their visit (Table 11). For visitors staying overnight (both within and outside of the park boundaries), campground stays were reported more often than any other lodging type. Among visitors who reported staying at a private residence, 23% also reported camping at boat-in sites along the shoreline, and 58% responded that this private residence was also their own home. It is important to note that this question asked about lodging “during this visit to Lake Roosevelt,” and people may have interpreted it to be asking about lodging at any point during the

overall trip, including traveling to and from the park or at other destinations. This may account for the large number of people (88) who indicated that they stayed both within and outside LARO.

Table 11. Overnight Lodging within and outside LARO

Lodging Inside LARO Boundaries	Overnight	Private Residence
n	262	104
Total staying within LARO Boundaries	90.4	29.1
Camping in Developed Campground	86.6	1.9
Boat-in Camping on Shoreline	3.8	23.3
Seasonal Shoreline Residence at Rickey Point	0.7	2.9
Seasonal Shoreline Residence as Sherman Creek	0.0	0.0
Other	0.7	1.9
<hr/>		
Lodging Outside LARO Boundaries		
n	262	104
Total Staying Outside LARO Boundaries	39.7	78.8
Camping in Developed Campground	30.8	2.9
Forest Service Campground	16.0	0.0
Private Campground	8.4	0.0
Other Campground	4.2	1.0
Dispersed Camping (Not a Designated Campground)	2.7	1.0
Lodge, Motel, Rented Condo, or Bed & Breakfast	7.2	1.0
Own Home	6.1	57.7
Residence of Friends or Relatives	2.3	19.2
Other	0.00	0.0

Experience use history

Figure 2 shows that the majority of LARO visitors in the study reported having visited the park 1 to 5 times in the previous 12 months. While approximately one third of participants had been visiting for only 1 to 5 years, a sizable percentage had been visiting for more than 20 years.

Overnight visitors were slightly more likely to be newcomers to LARO than day users or people staying at private residences (Figure 3). However, nearly equal percentages of all three groups had been visiting LARO for more than 20 years. Overnight visitors were substantially more likely to visit infrequently than day users or visitors staying in private residences (Figure 4). Nearly one quarter of day users and those staying at private residences, but only 11% of overnight visitors, had been to LARO more than 20 times.

Figure 2. Visits in the Last 12 Months and Total Years Visiting LARO

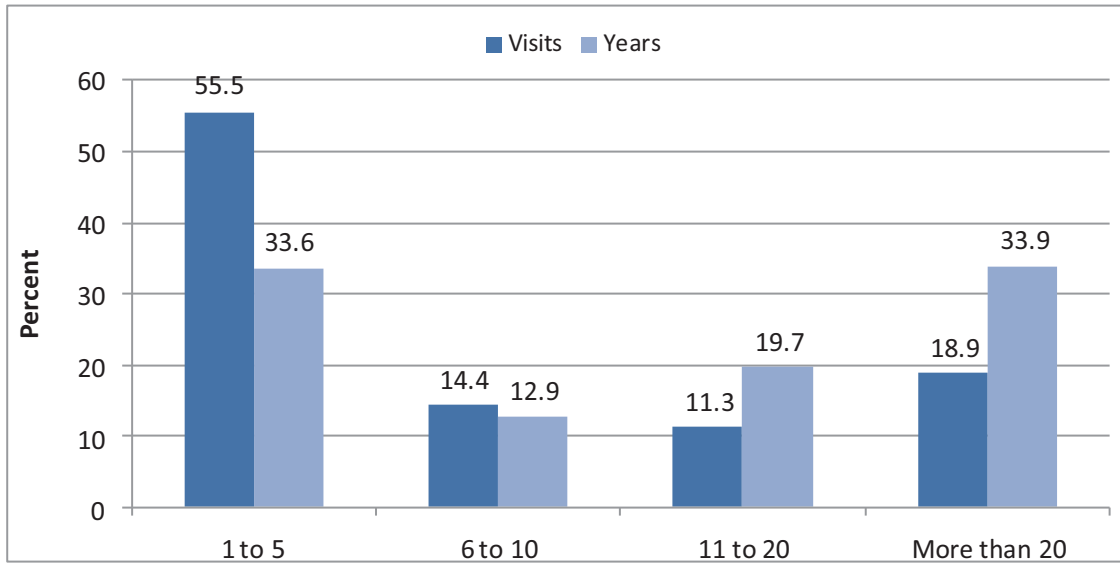


Figure 3. Number of Years Visiting LARO, by Length of Stay

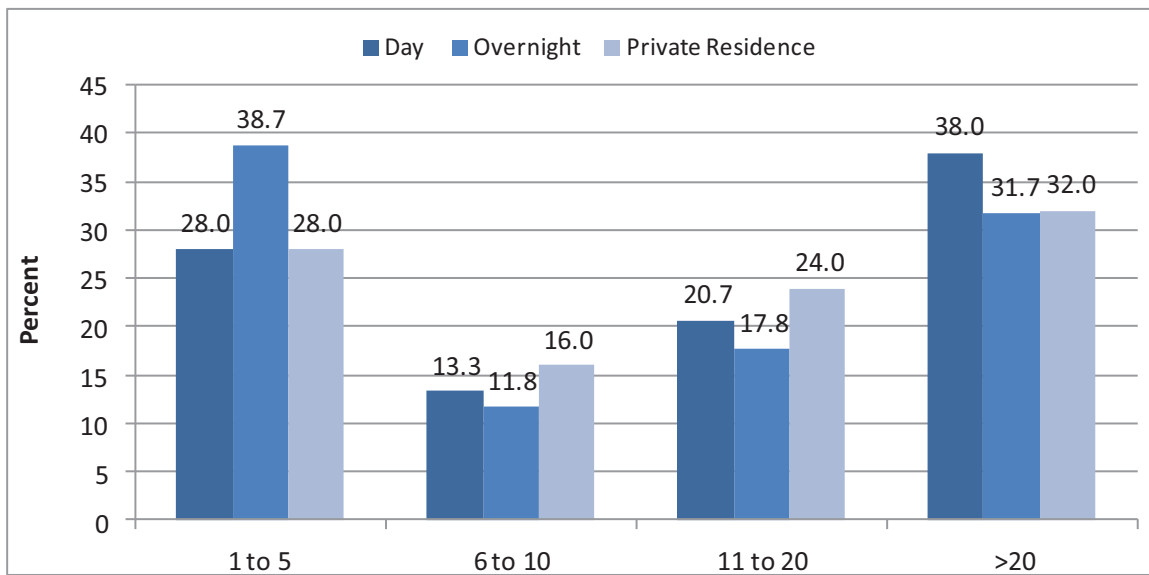
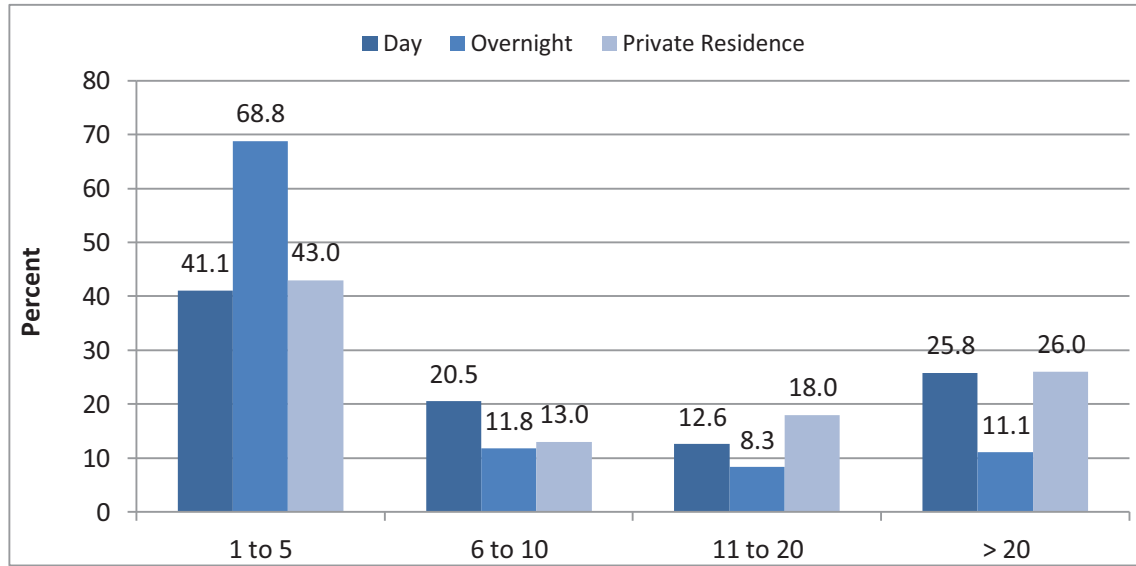


Figure 4. Number of Previous Visits to LARO, by Length of Stay



Information about the number of previous visits and the number of years visiting was further segmented by the specific recreation site where respondents completed the survey (Table 12). Campers were more likely to be infrequent visitors than visitors to day use and dispersed sites. Across all such sites except Lion’s Island, a majority of people had been visiting for more than 5 years. Rickey Point had the largest percentage (34%) of visitors who had been to LARO more than 20 times in the last 12 months, and the largest percentage (51%) of respondents who had been visiting LARO for more than 20 years. Overall, then, recreational visitors at LARO tend to have a relatively long history of experience with the park, and certain sites seem to attract a committed visitor clientele.

Table 13 presents the results of questions that asked study participants about the number of times and years they visit other similar lakes for recreation. More than 21% reported that they had not visited any other similar lakes in the last year, although more than 50% reported that they have been visiting similar sites for more than 10 years. Together with the information about prior use of LARO, the data suggest that LARO has a group of highly committed visitors who primarily use LARO for their lake-related recreation.

Table 12. Number of Visits over the Past 12 Months and Years Visiting LARO, by Site

	Respondents Reporting per Site							
	BB	CF	EC	ED	KC	KM	LI	RP
Number of Visits	69	80	80	87	75	97	42	47
	-----Percent-----							
1 to 5	33.3	35.0	61.3	67.8	84.0	58.8	66.7	27.7
6 to 10	26.1	17.5	22.5	9.2	8.0	8.2	2.4	21.3
11 to 20	13.0	17.5	7.5	9.2	1.3	14.4	11.9	17.0
> 20	27.5	30.0	8.8	13.8	6.7	18.6	19.0	34.0

	Respondents Reporting per Site							
	69	79	80	87	75	96	42	47
Number Of Years	-----Percent-----							
1 to 5	15.9	21.5	25.0	47.1	45.3	39.6	59.5	14.9
6 to 10	21.7	6.3	8.8	17.2	10.7	12.5	7.1	19.1
11 to 20	24.6	26.6	22.5	13.8	17.3	19.8	14.3	14.9
> 20	37.7	45.6	43.8	21.8	26.7	28.1	19.0	51.1

Table 13. Visits in the Last 12 Months to Similar Lake Sites and Total Years Visiting Those Sites

	Number of Visits to Similar Sites in Past Year	Number of Years Visiting Similar Sites
	-----Percent-----	
None	21.1	11.5
1 to 5	50.5	22.7
6 to 10	16.2	10.8
11 to 20	5.4	17.2
> 20	6.8	37.8

Favorite places

Study participants were asked to identify their favorite place at Lake Roosevelt. A range of responses were recorded, and 13% of respondents did not answer the question (Table 14). Between 8 and 17% of visitors listed a place outside the Kettle Falls area, and many people had more than one favorite place or no specific favorites. Among the Kettle Falls sites, day users most frequently identified Bradbury Beach as their favorite place (Table 15), though Colville Flats and Evans were listed by nearly as many people. Overnight users most frequently reported that the Evans complex (campground and/or day use area) was their favorite place, followed by the Kettle Falls marina area, which included the campground. For those staying in private

residences, Bradbury Beach and Colville Flats were the most frequently reported as favorite sites, though Evans and Rickey Point were nearly as often listed.

Table 14. Favorite Place at Lake Roosevelt, by Trip Length

Site	Day	OV	PR	All
-----Percent-----				
None	20.4	23.7	24.3	22.9
In Kettle Falls area	59.2	40.5	45.6	46.8
Outside Kettle Falls area	8.2	16.8	14.6	13.9
Multiple favorite areas	12.2	19.0	15.5	16.4
Number who answered favorite site question	147	274	103	524

Day = day user; OV = overnight visitor not staying in private residence; PR = visitors (day or overnight) staying in private residence

Table 15. Favorite Place in the Kettle Falls Region of LARO, by Trip Length

Site	Day	OV	PR	All
-----Percent-----				
Bradbury	17.7	3.6	11.7	9.2
Colville Flats	15.0	2.2	9.7	7.3
Evans	14.3	19.7	8.7	16.0
Rickey Point	7.5	0.7	7.8	4.0
Kettle marina area	3.4	12.8	4.9	8.6
Locust Grove	2.7	1.5	0.0	1.5
Marcus	1.4	1.5	1.0	1.3
Number who answered favorite site question	147	274	103	524

Day = day user; OV = overnight visitor not staying in private residence; PR = visitors (day or overnight) staying in private residence

Visitor activities

Visitors were asked about the variety of activities that they participated in during their LARO visit (Table 14). Swimming was the most popular activity overall, with 76% of visitors participating, followed by picnicking (58%), sightseeing (55%), and watching wildlife (50%). Not surprisingly, there were substantial differences across sites. For example, fishing from the shore was two times as popular at Evans Campground than Kettle Falls Marina. While more than 80% of visitors at the day use areas enjoyed swimming, just under half of the visitor contacted at the Kettle Falls Marina or Campground reported swimming. It is not known whether this reflects the nature of the sites (e.g., there are no swimming areas at Kettle Falls) or simply different visitor preferences at different sites.

Interestingly, as many people went canoeing as used personal watercraft. Also, given the relative lack of trails, the percentage of people who enjoyed walking (with or without a pet) was large at many sites. Notably, one third of visitors overall, and more than 40% of those at the campgrounds, had a pet with them.

Table 16. Activity Participation, by Site

	BB	CF	EC	ED	KC	KM	LI	RP	Total (n=581)
	-----Percent-----								
Swimming	88.2	87.7	80.8	94.3	49.4	49.0	88.1	89.1	76.1
Picnicking	77.9	66.7	52.6	71.3	40.3	37.3	59.5	69.6	57.8
Sightseeing	48.5	42.0	53.8	60.9	70.1	52.9	59.5	56.5	55.2
Watching wildlife	48.5	35.8	55.1	47.1	58.4	46.1	61.9	56.5	49.9
Camping	20.6	21.0	94.9	36.8	94.8	35.3	66.7	14.9	48.3
Walking without pet	38.2	27.2	47.4	29.9	53.2	24.5	38.1	46.8	36.9
Walking with pet	23.5	17.3	43.6	25.3	40.3	24.5	52.4	38.3	31.3
Beachcombing	38.2	38.3	20.5	28.7	10.4	19.6	35.7	43.5	27.7
Boat fishing	17.6	18.5	33.3	16.1	37.7	43.1	21.4	13.0	26.7
Inner tubing/floating	30.9	30.9	25.6	28.7	13.0	24.5	21.4	26.1	25.3
Power boating	10.3	22.2	37.2	14.9	19.5	45.1	19.0	12.8	24.4
Bank/dock fishing	25.0	27.2	35.9	17.2	32.5	14.7	26.2	17.4	24.3
Tubing/kneeboard	10.3	21.0	25.6	8.0	11.7	21.6	9.5	10.6	15.6
Canoeing	7.4	13.6	9.0	4.6	10.4	14.7	11.9	10.6	10.3
Personal watercraft	2.9	3.7	11.5	8.0	10.4	18.6	9.5	10.6	9.8
Waterskiing	4.4	9.9	10.3	5.7	3.9	15.7	0.0	8.5	8.1
House boating	2.9	9.9	0.0	1.1	2.6	17.6	4.8	0.0	5.7
Scuba	2.9	8.6	2.6	2.3	0.0	1.0	0.0	4.3	2.7
Sail boating	1.5	2.5	0.0	2.3	2.6	0.0	2.4	4.3	1.7
Other activities	0.0	0.0	0.0	1.4	0.0	0.0	0.0	5.0	0.6

As evident in Table 16, visitors responded that they participated in multiple activities. When asked to identify one activity that was their primary reason for visiting LARO (Table 17), no single activity emerged as dominant, although the most commonly indicated were swimming and camping (29% each). Considering the size of the lake and that the Kettle Falls Marina was within the study area, it is not surprising that the next most popular primary activity selected by respondents was fishing by boat (8%). Many respondents were reluctant to specify a single primary activity, so these data are based on responses from 539 of the 601 study participants.

Table 17. Visitors' Primary Activity at LARO

Primary Activity	Percent
Swimming/wading	28.6
Camping	28.6
Fishing from boat	9.1
Other	7.8
Picnicking	4.6
Power boating	4.6
Sightseeing	3.3
Houseboating	2.4
Fishing from bank/dock	2.2
Canoe, kayak	1.7
Personal watercraft	1.5
Walking with pet	1.5
Beachcombing	0.9
Inner tube floating	0.7
Wildlife watching	0.6
Walking without pet	0.6
Sail boating	0.4
Scuba	0.4
Waterskiing	0.2
Tubing/kneeboard	0.2
Total (n=539)	100.0

Table 18 depicts differences in visitors' primary activity between day and overnight users. Swimming (46%), picnicking (11%), and power boating (6%) were the most frequently reported primary activities among day users. The most frequently reported primary activities for overnight visitors were camping (50%), fishing from a boat (12%), and swimming (9%). People staying at private residences were significantly more likely than day or overnight visitors to identify houseboating as their primary activity.

Table 18. Primary Activity, by Length of Stay

Primary Activity	Day Visitors	Overnight Visitors	Private Residences
-----Percent-----			
Swimming	50.0	9.7	38.9
Picnicking	11.4	1.1	4.2
Other activities	7.9	6.7	11.6
Power boating	6.4	3.0	6.3
Boat fishing	5.7	13.1	6.3
Sightseeing	2.9	3.7	3.2
Canoeing	2.9	1.1	2.1
Personal watercraft	2.9	1.1	1.1
Beachcombing	2.1	0.0	2.1
Inner tubing floating	2.1	0.4	0.0
Bank/dock fishing	1.4	1.1	4.2
Walking with a pet	1.4	0.7	2.1
Sail boating	0.7	0.0	1.1
Scuba	0.7	0.0	1.1
Walking without a pet	0.7	0.7	0.0
Camping	0.7	55.4	2.1
Watching wildlife	0.0	0.7	1.1
Houseboating	0.0	0.4	12.6
Waterskiing	0.0	0.4	0.0
Tubing/kneeboard	0.0	0.4	0.0
n	140	267	95

The list of 20 primary activities originally used in the survey questionnaire was condensed to six broad categories for further analysis. Similar activities were grouped according to the following titles: beach-going, boating, camping, fishing, and picnicking. The additional category of “other” includes sightseeing, observing wildlife, scuba diving, walking activities, and any other activities not covered by the listed categories. Using this classification (Figure 5), spending time at the beach and camping were the activities most frequently listed by LARO visitors.

Participation in primary activities varied considerably with length of stay, in predictable ways (Figure 6). For instance, for a majority of overnight visitors, camping was the primary activity, while for the majority of day users, beach-related activities were primary. People staying at private residences were more varied in their primary activities, with many being similar to day users in an orientation toward beach activities, but a sizeable percentage having the primary activity related to boating.

Figure 5. Participation in Primary Categories of Activities, Entire Sample

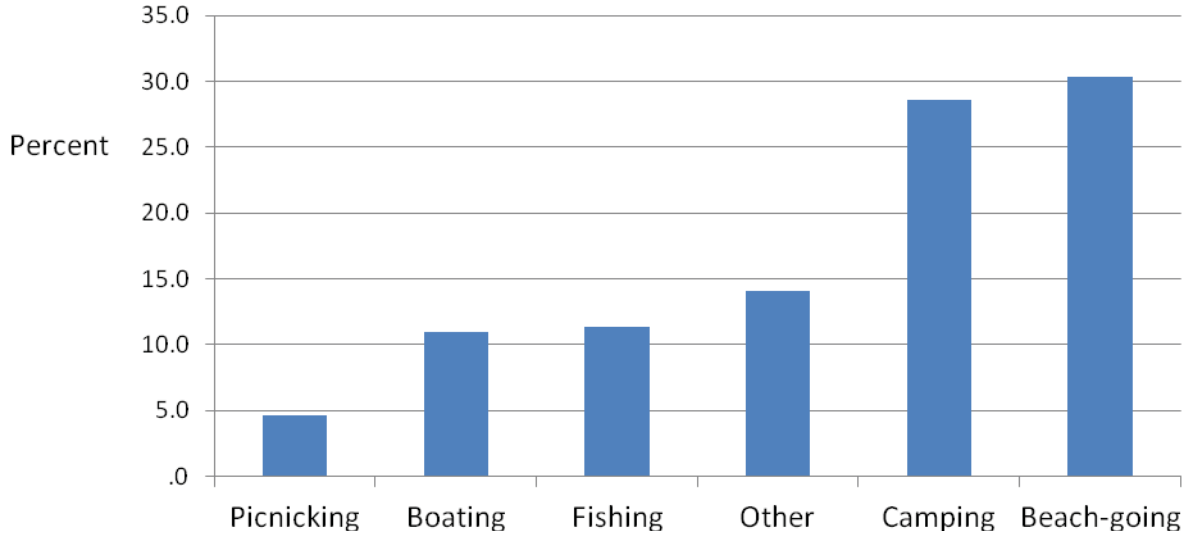
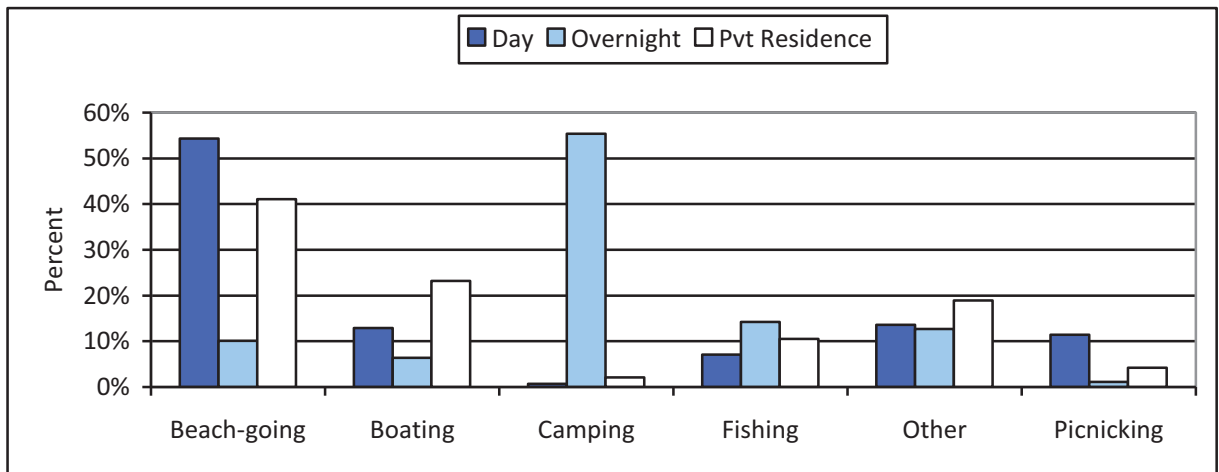


Figure 6. Participation in Primary Categories of Activities, by Length of Stay



More than half the study respondents (51%) indicated that they had launched a boat at LARO in the past (Table 19). Of these visitors, nearly half indicated that they never had to wait more than 15 minutes to launch. Most of the rest (23% of all visitors) indicated that they only occasionally waited more than 15 minutes to launch watercraft. It seems clear that, of people who boat at LARO, very few ever have to wait long to launch a watercraft, and crowding at boat launches is not presently a concern in the Kettle Falls area of Lake Roosevelt.

Table 19. Frequency of Delays in Launching Watercraft Due to Crowding at Boat Ramps

	Percent of All Visitors (n=575)	Percent of Boaters (n=293)
Never	24.7	48.5
Occasionally	23.0	45.1
Often	2.6	5.1
Usually	0.3	0.7
Always	0.3	0.7
Not applicable	49.0	

Visitors who boat at LARO were asked if they had a preferred launch site within the park. Of the 287 people who answered this question, 65% listed a site within our study area, while 19% listed a launch outside the Kettle Falls area. Sixteen percent indicated that they did not have a favorite launch or listed more than one site. Not surprisingly, given where sampling occurred, Kettle Falls Marina was the most frequently indicated launch across all type of users (day, overnight, and those staying at private residences (Table 18). The popularity of Evans boat launch likely reflects sampling at the Evans Campground.

Table 20. Preferred Launch Ramp, by Length of Stay

	Day	Overnight	Private Residence
	-----Percent-----		
Kettle Falls Marina	28.9	27.0	23.5
Bradbury	10.7	2.0	12.2
Evans	3.3	9.4	7.1
Number who answered	121	244	98

Visitor crowding perceptions

Using a 9-point measurement scale (“not at all crowded” to “extremely crowded”), visitors were asked about how crowded they felt during their primary activity at LARO, and how crowded they felt at the time of the survey. As shown in Figure 7, the majority of visitors reported feeling not at all or only slightly crowded while they participated in their primary activity (average of 2.9) and at the time of survey completion (average of 2.4). Crowding perceptions (mean scores) were then analyzed by trip type (day user, overnight user, and visitors staying in private residences) in Figure 8. The average level of crowding was low overall, with little difference between those who reported being a day user or overnight visitor. Crowding scores did not vary appreciably by primary activity type (Figure 9).

Figure 7. Perceptions of Crowding during Primary Activity (n=584) and at Time of Survey Completion (n=586)

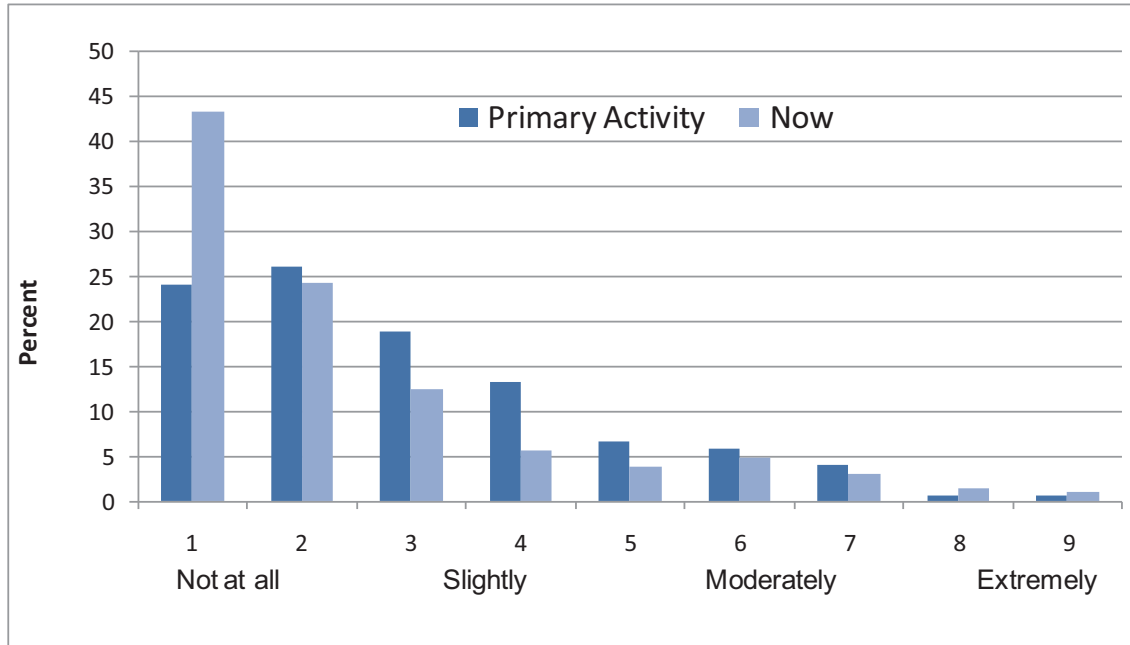


Figure 8. Mean Level of Crowding, by Trip Length (n=542)

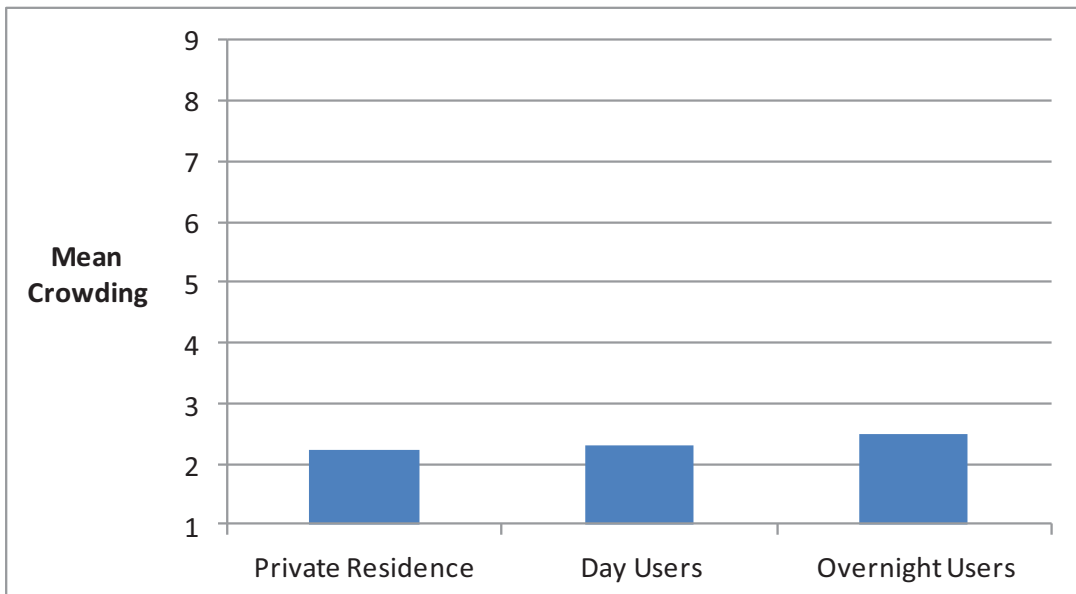
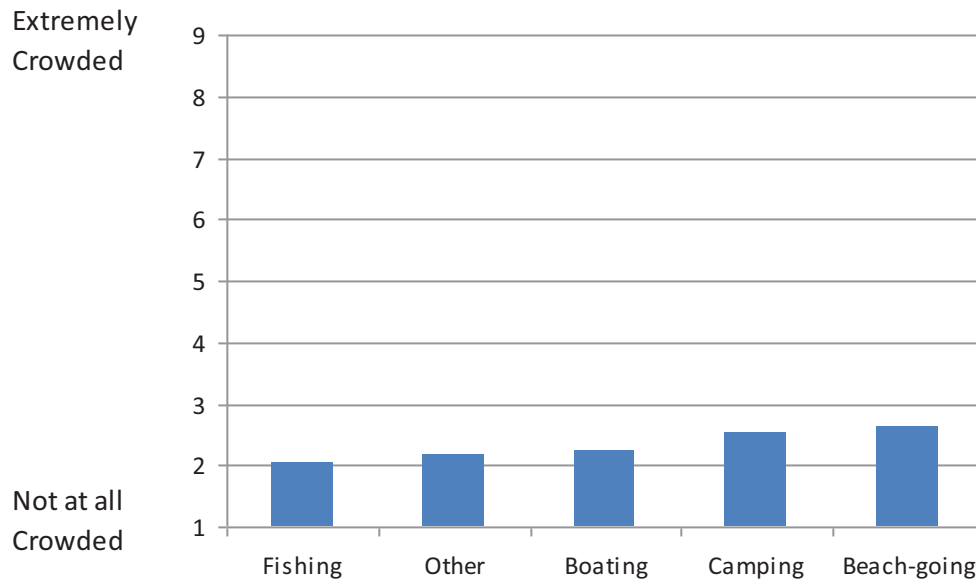
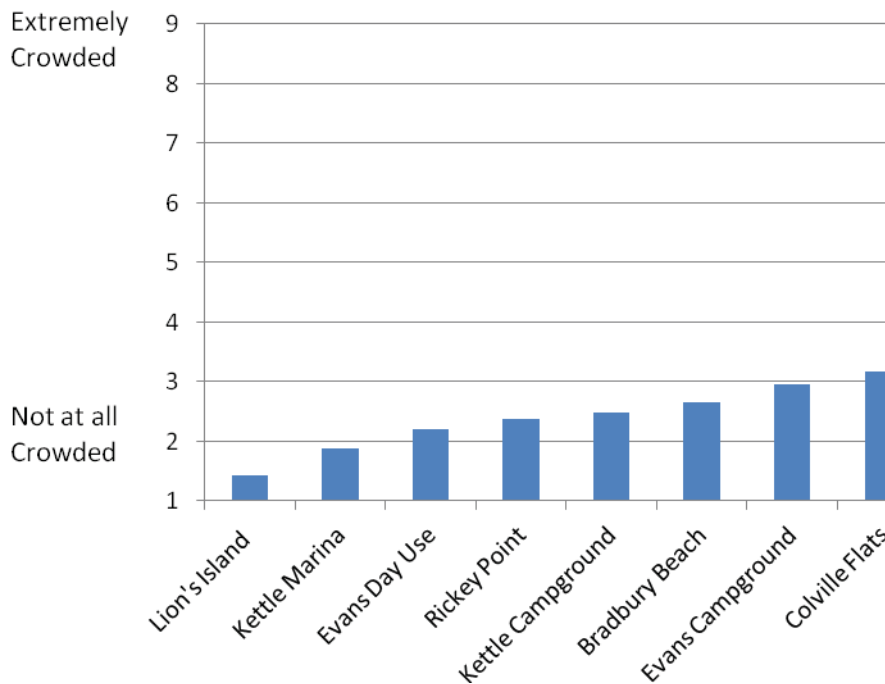


Figure 9. Mean Level of Crowding, by Primary Activity (n=531)



Visitor crowding perceptions were further analyzed for each individual recreation site where respondents completed surveys (Figure 10). According to a research synthesis of crowding levels experienced during various recreation activities by Vaske and Shelby (2008), average crowding scores reported nationwide on the same 9-point scale by anglers (3.9), campers (3.6), and boaters (3.7) were above the highest average reported crowding levels at LARO (3.1).

Figure 10. Mean Level of Crowding, by Site



Because crowding has been linked to use levels, further analysis was conducted to determine how perceptions of crowding among campers varied with the number of occupied campsites (Figure 11) and how crowding among day users varied with the number of people present at recreation sites (Figure 12). Not surprisingly, campers' feelings of crowding increased with campsite occupancy. However, mean crowding scores appeared to level off at a "slight" degree of crowding (near 3.0) when more than 30 sites were occupied. The relationship between the number of people at a recreation site and crowding seemed more linear (Figure 12).

Figure 11. Relationship between Campers' Perceptions of Crowding and Number of Occupied Campsites (n=147)

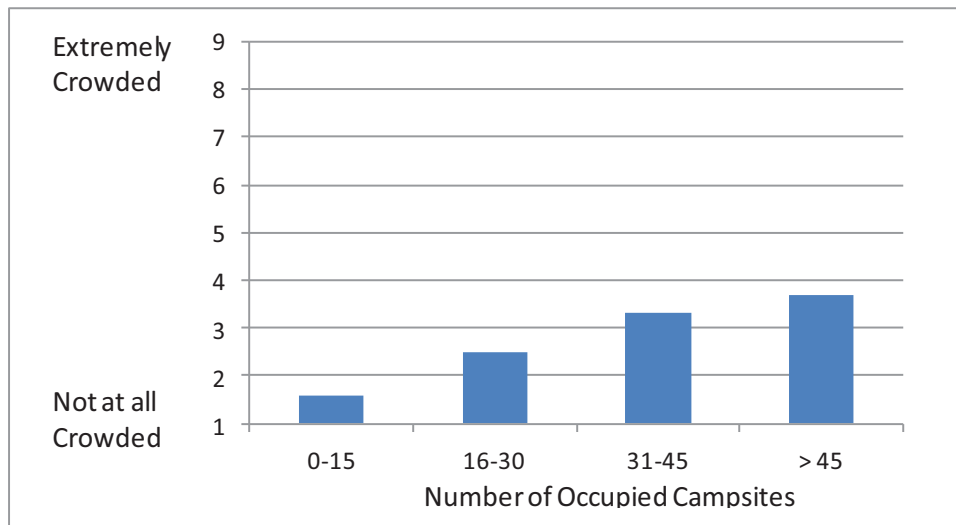
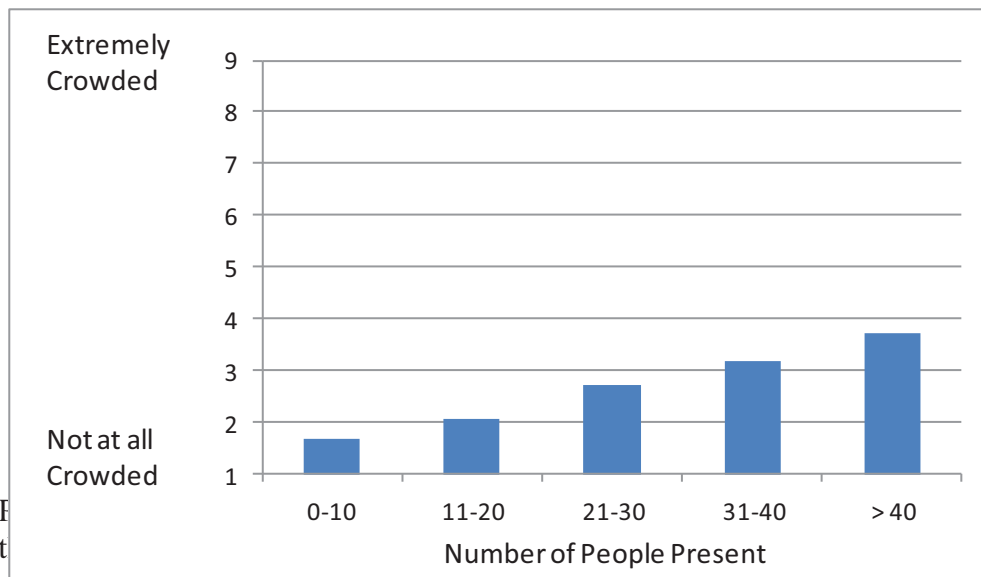


Figure 12. Relationship between Perceptions of Crowding and the Number of People Present (n=442)



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had ever changed
(21).

Approximately one third of all day users, overnight visitors, and visitors staying at private residences had altered their trip plans in some fashion at least once due to perceived crowding at LARO. The changes most frequently reported by visitors were trying to find quieter locations and visiting on weekdays to avoid weekend use.

Table 21. Percent of Visitors Making Visitation Changes Due to Perceived Crowding at LARO, by Trip Length

	Day	OV	PR
	-----Percent-----		
Percent of visitors making any type of change	38.4	32.7	37.0
Specific adjustments:			
Try to find quiet places to avoid crowded locations	26.4	11.8	23.9
Visit on weekdays to avoid weekend crowds	22.2	18.3	17.4
Go to other places when LARO is too crowded	19.4	7.8	15.2
Sometimes avoid holiday weekends	18.1	13.7	15.2
Visit earlier or later in the year to avoid crowds	15.3	9.8	8.7
Come earlier or later in the day to avoid busy times	13.9	6.5	15.2
Camp away from the lake when LARO campgrounds are full	8.3	6.5	4.3
Camp on tribal shores because of crowds or lack of beaches	2.8	3.9	2.2
Total n=272	73	153	46

Day = day user; OV = overnight visitor not staying in private residence; PR = visitors (day or overnight) staying in private residence

Normative crowding perceptions

Asking visitors about their perception of crowding during their visits is a common approach to assess whether carrying capacity is being exceeded and management action may be justified. Such approaches, however, are of limited use in determining how visitors might react to potential increases in use in the future. A common technique to overcome this limitation is to show people images of different use levels, typically through digitally manipulated photographs. At LARO, the acceptability of varying use levels was determined using photo sets developed for three different recreation sites (Kettle Marina, Colville Flats, and Bradbury Beach). Each set contained six photos of the same location and depicted varying numbers of visitors. For example, photo one had no visitors present, whereas photo six depicted a very large number of visitors that one might experience consistent with a popular holiday period (Table 22). The number of people, boats, and vehicles differed across the three sets of photos due to the nature of the site and the expanse of the landscape visible from the photopoint. At both Colville Flats and Kettle Falls

Marina, photos with higher use densities also had more people and equipment in the nearground of the image, making the sites appear quite busy.

Table 22. Use Densities Depicted in Photographs for Assessing Crowding Norms

Photo	Bradbury		Colville Flats		Kettle Falls Marina		
	People	People	Vehicles	Boats	People	Vehicles	Boats
1	0	0	0	0	0	0	0
2	10	2	2	1	3	11	3
3	17	6	3	4	9	11	6
4	25	12	5	4	14	11	6
5	38	26	5	4	19	11	6
6	47	32	5	4	24	12	6

Figures 13, 14, and 15 suggest that, regardless of location, on average, LARO visitors find the number visitors depicted by photos five and six to be unacceptable, on average. However having up to 25 people (Bradbury Beach), 12 people (Colville Flats), and 14 people (Kettle Falls Marina) within a specific viewshed is, on average, acceptable. (It is important to note that these numbers indicate only the number of people visible from the photopoint, not the total number of people present on site.)

Figure 13. Acceptability of Use Conditions at Bradbury Beach (n=95)

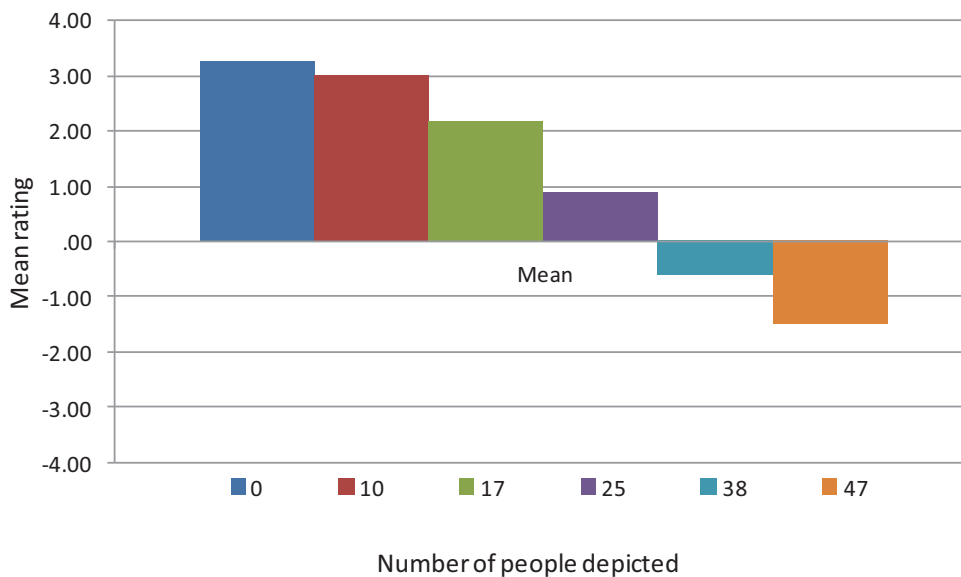


Figure 14. Acceptability of Use Conditions at Colville Flats (n=91)

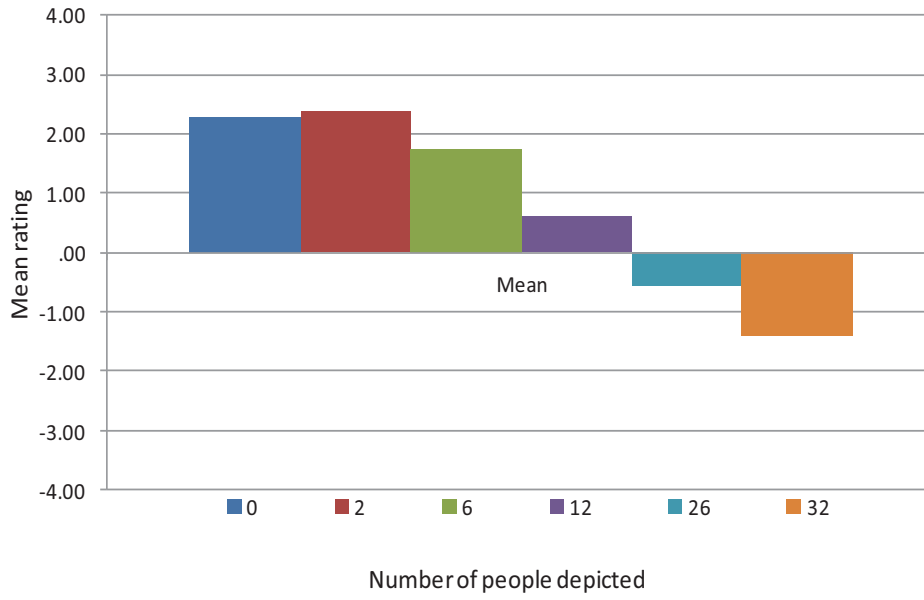
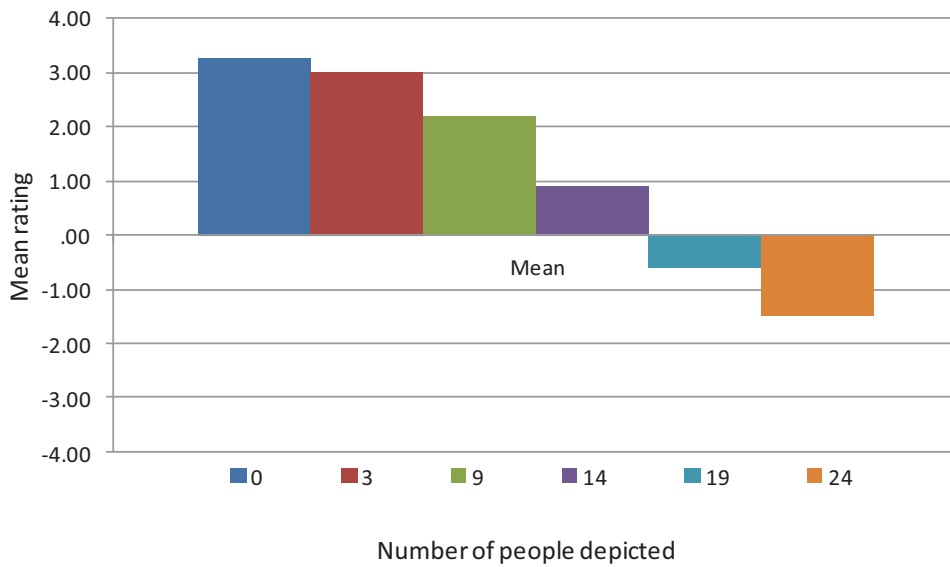


Figure 15. Acceptability of Use Conditions at Kettle Falls Marina (n=90)



Management issues

Using a 4-point scale (“not a problem” to “big problem”), several items on questionnaire version 1 asked about management issues at LARO and the extent that visitors identified these items as a problem. The most identified problem by visitors (52%) was that high water levels prevented visitors from accessing beach areas (Table 23). The extent of this problem was also the largest of the “big” problems noted by visitors, though only 36% of respondents identified it as a moderate to big problem. Nearly half of LARO visitors (45%) noticed litter around the lake, although few reported that it was more than a slight problem. Other problems identified by more than 30% of visitors included inconsiderate behavior by others, feelings of crowding in the developed campgrounds, crowding in the day use areas, and dogs off leash. However, none of these was a moderate or big problem for more than 20% of respondents. Overall, many potential problems that have been documented at other recreation sites do not appear to be concerns at present for a majority of LARO visitors.

For the top problems noticed (litter, high water, and inconsiderate behavior), further analysis was conducted to reveal any variations across recreation sites (Figure 16), primary activities (Figure 17), and trip length (Figure 18). These analyses confirm that, on average, all types of visitors perceived these problems to be very small in nature.

There were several differences in perception of problems across the different sites. Litter and inconsiderate behavior were more of a problem at undeveloped dispersed sites than at developed sites. High water preventing access to beaches was much more of a problem than the other two issues, especially at Colville Flats and Evans Day Use area.

Concern about litter and inconsiderate behavior did not vary much by activity, though ratings were somewhat higher among beach goers and picnickers, perhaps because those activities took place most often at dispersed sites. Concern about high water was greater among those involved in activities at lakefront day use sites (beach going, fishing, and picnicking).

People staying in private residences were slightly more likely to express concern about litter and high water than day users or overnight visitors. Overnight visitors rated all three problems as less of a concern than day users, though the differences were slight.

Table 23. Problems Noticed at LARO

	n	Degree of Problem			
		Not noticed/not a problem	Slight	Moderate	Big
High water levels prevent access to beaches	261	47.9	16.1	19.2	16.9
Litter around the lake	271	55.0	30.3	11.8	3.0
Inconsiderate behavior by other visitors	271	61.6	21.4	14.0	3.0
Crowded developed campgrounds	252	62.3	18.7	13.5	5.6
Crowding at day use sites	232	64.2	19.8	12.9	3.0
Lack of privacy in campgrounds	254	65.7	20.9	9.8	3.5
Dogs off leash or not under control	267	68.5	16.5	10.9	4.1
Crowding at the boat ramps	235	71.5	19.1	8.5	0.9
Lack of public access to beaches	268	72.8	11.6	9.3	6.3
Lack of privacy at day use areas	261	72.8	15.3	9.6	2.3
Lack of access to beaches at private cabins	233	78.1	11.2	6.0	4.7
Use of alcohol by visitors	258	79.1	12.8	5.4	2.7
Roadway conditions that prevent access to shoreline	248	81.0	8.9	6.0	4.0
Crowded boat-in camping areas	219	82.2	11.9	4.6	1.4
Conflict between visitors	270	84.4	11.9	3.3	0.4
Human waste along the shoreline	263	85.2	10.3	3.0	1.5
Lack of natural scenery near cabins	249	88.0	6.8	3.6	1.6
Too many boats on the lake	168	89.6	6.3	3.0	1.1

Figure 16. Mean Problem Rating for Litter, Inconsiderate Behavior, and High Water, by Site

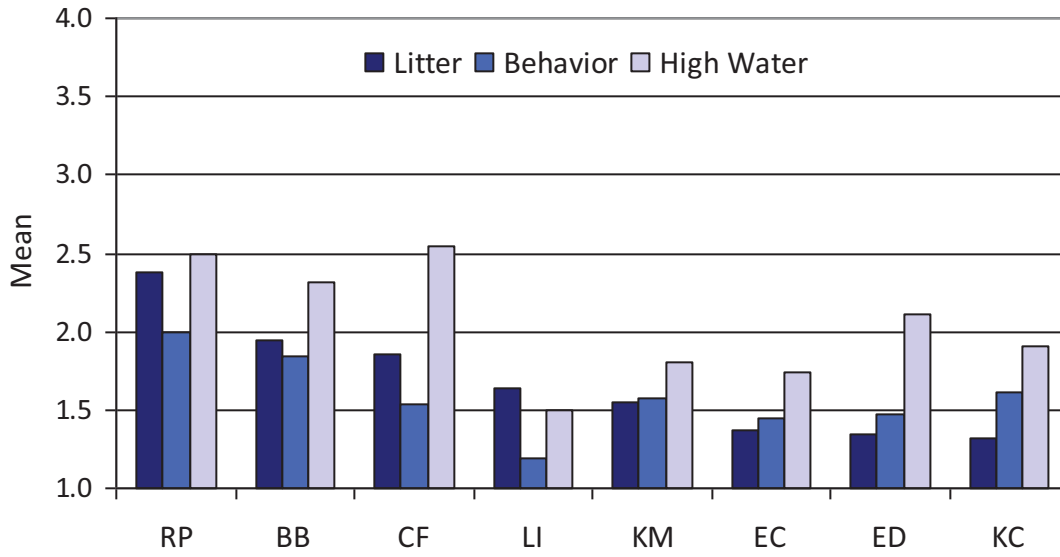


Figure 17. Mean Problem Rating for Litter, Inconsiderate Behavior, and High Water, by Primary Activity

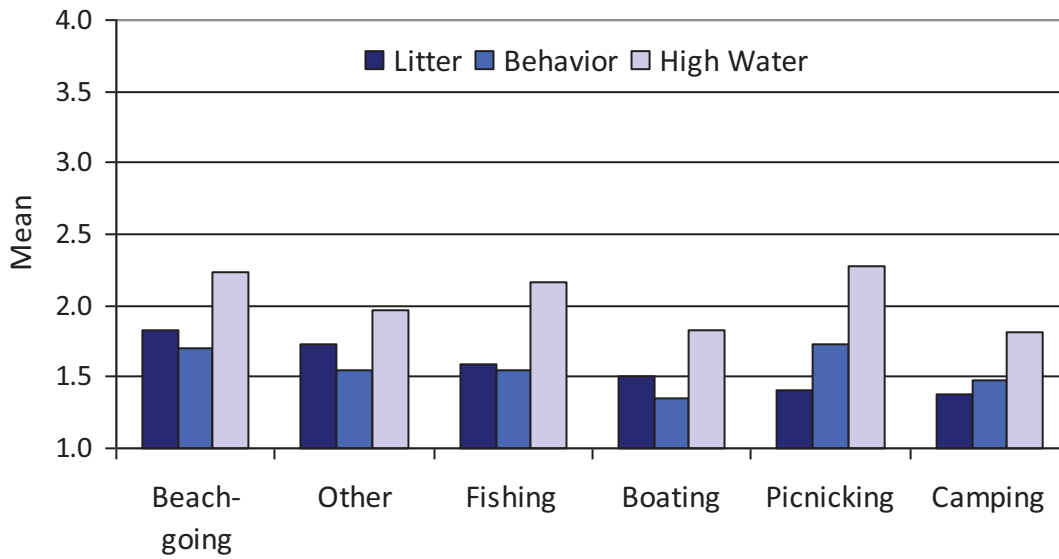
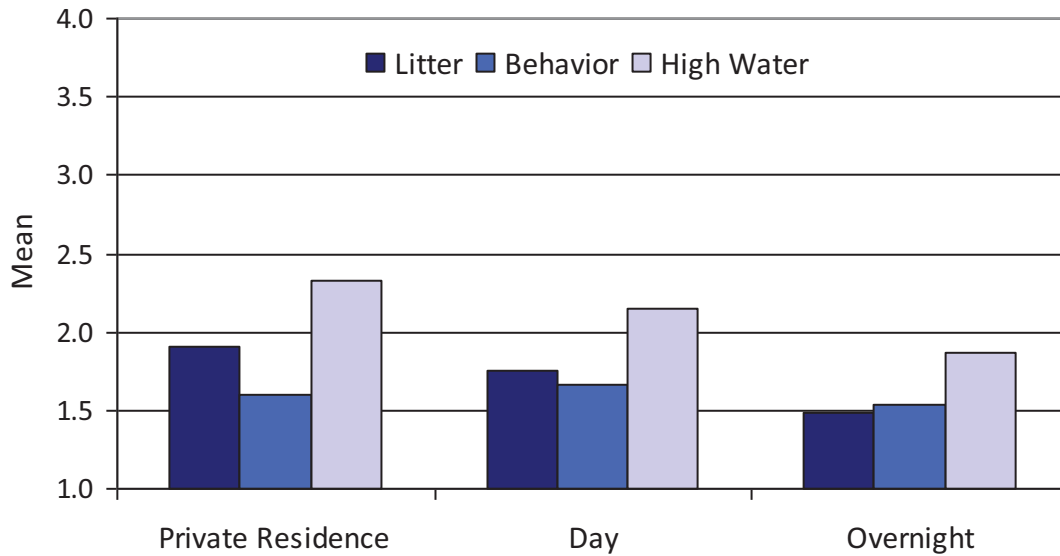


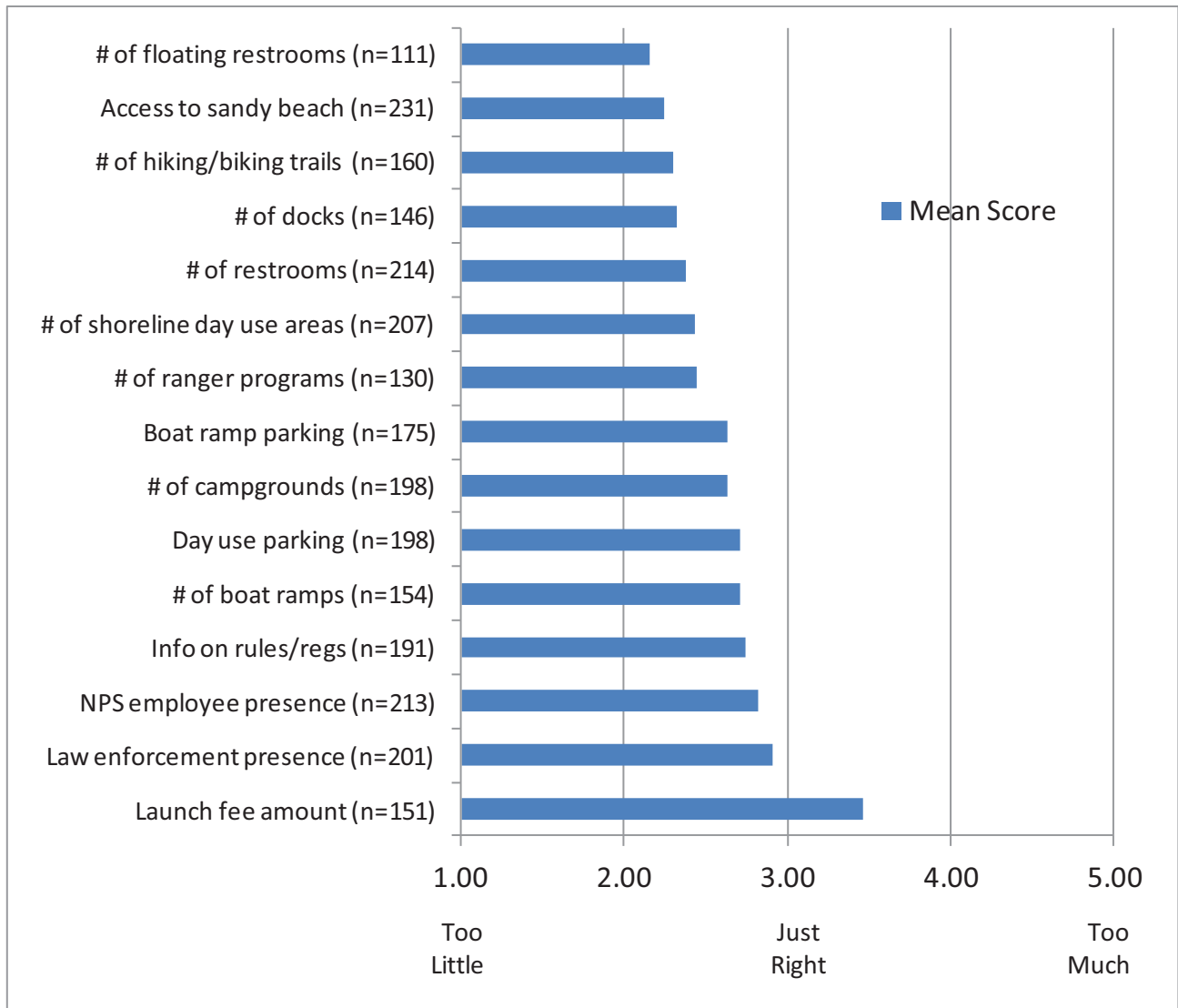
Figure 18. Mean Problem Rating for Litter, Inconsiderate Behavior, and High Water, by Length of Stay



Assessment of facilities and services

Lakeshore visitors who completed questionnaire version 1 were asked to assess the number or amount of facilities and services using a 5-point (“too little” to “too much”) scale. A “don’t know” option was included, and many visitors circled this response, particularly for facilities and services that are specific to certain types of activities, such as boating. As depicted in Figure 19, on average, visitors who had an opinion responded that there were too few floating restrooms and not enough access to sandy beaches. The presence of law enforcement was perceived as just about right. Most items had means near the mid-point of the scale.

Figure 19. Mean Assessment of Facilities and Services, Entire Sample



With means near the mid-point, it is useful to examine the percentage of people who indicated that facilities were insufficient. As can be seen in Table 24, a slim majority of respondents believed that there are not enough floating restrooms, access to sandy beaches, recreational trails, or temporary moorage. Fairly large majorities believed that parking, boat ramps, and campgrounds were “just right, and approximately two-thirds of respondents were content with the current level of law enforcement and launch fees. Only fees received a substantial number of people saying that the amount is too high, although only one-third of respondents felt this way.

Table 24. Distribution of Responses Regarding Adequacy of Specific Facilities and Services

	Too little	Just Right	Too Much
	-----Percent-----		
Number of available floating restrooms	58.5	41.4	0.0
Access to sandy beaches	58.0	40.3	1.7
Number of trails for hiking or biking	53.1	46.3	0.6
Number of public docks or temporary moorage	52.7	45.9	1.4
Number of restrooms around the shoreline	47.7	51.9	0.5
Number of developed day use/swim areas around the shore	46.9	52.7	0.5
Number of ranger-led programs	43.8	52.3	3.8
Amount of parking at boat ramps	31.4	66.3	2.3
Number of campgrounds	31.3	67.2	1.5
Number of boat ramps	24.6	74.7	0.6
Information about NRA rules and regulations	24.6	71.7	3.6
Amount of parking at day use areas	23.7	75.3	1.0
National Park Service employee presence	22.5	70.0	7.5
Law enforcement presence	21.9	63.2	14.9
Amount of launch fee	4.6	61.6	33.7

Further analysis was conducted to reveal any variations across recreation sites (Table 25), primary activities (Table 26), and trip length (Table 27). In discussing these results, a difference of 20% (1 point on the 5-point scale) or more in the mean scores was considered notable; in most cases the differences between user groups was less than this threshold. When comparing responses from the different sites, 12 of the 15 items has differences of less than 20%. The three notable differences were that visitors at day use areas were more likely to say that there are too few floating restrooms; visitors at Rickey Point were more likely to say there are too few campgrounds; and visitors at Colville Flats and Rickey Point were more likely to consider the launch fee to be too high. In comparing participants in different primary activities, only one item had a notable difference; people who were picnicking were more likely to say that there was not enough law enforcement presence than participants in other activities. Differences by length of stay were negligible for all 15 items.

Table 25. Differences in Mean Ratings of Adequacy of Existing Facilities and Services, by Site

	BB	CF	EC	ED	KC	KM	LI	RP
Number of boat ramps	2.7	2.6	2.8	2.7	2.9	2.7	2.9	2.4
Number of public docks or temporary moorage	2.4	2.3	2.1	2.4	2.0	2.4	2.8	2.3
Number of restrooms around the shoreline	2.3	2.3	2.6	2.6	2.6	2.3	2.2	2.0
Number of available floating restrooms	2.0	1.9	2.6	2.5	2.2	2.4	1.8	1.5
Number of campgrounds	2.5	2.6	2.5	2.8	2.7	2.8	3.0	2.0
Amount of parking at day use areas	2.8	2.7	2.8	2.9	2.8	2.7	2.7	2.3
Amount of parking at boat ramps	2.5	2.6	2.6	2.9	2.8	2.6	2.8	2.4
Law enforcement presence	2.6	3.0	3.1	2.7	3.0	2.8	3.1	3.1
National Park Service employee presence	2.7	2.8	3.0	2.7	2.8	2.8	2.9	2.9
Number of developed day use/swim areas around the shore	2.5	2.5	2.5	2.4	2.2	2.4	2.9	2.2
Access to sandy beaches	2.5	2.4	2.5	2.0	2.0	2.2	2.5	2.0
Number of trails for hiking or biking	2.2	2.3	2.2	2.1	2.4	2.4	2.8	2.1
Information about NRA rules and regulations	2.4	2.6	2.9	2.7	2.9	2.7	2.6	2.9
Number of ranger-led programs	2.0	2.8	2.2	2.4	2.3	2.6	2.7	2.7
Amount of launch fee	3.7	3.9	3.3	3.4	2.9	3.4	3.5	3.9

Table 26. Differences in Mean Ratings of Adequacy of Existing Facilities and Services, by Primary Activity

	Beach	Boat	Camp	Fish	Picnic
Number of boat ramps	2.6	2.8	2.7	2.6	2.7
Number of public docks or temporary moorage	2.4	2.3	2.3	2.0	2.7
Number of restrooms around the shoreline	2.2	1.9	2.7	2.2	2.5
Number of available floating restrooms	1.9	2.3	2.5	2.2	2.5
Number of campgrounds	2.5	2.9	2.7	2.7	3.0
Amount of parking at day use areas	2.6	2.8	2.8	2.7	2.8
Amount of parking at boat ramps	2.5	2.6	2.7	2.5	3.0
Law enforcement presence	2.9	3.0	3.0	3.0	2.0
National Park Service employee presence	2.8	3.1	2.8	2.7	2.3
Number of developed day use/swim areas around the shore	2.3	2.7	2.4	2.5	2.8
Access to sandy beaches	2.3	2.6	2.1	2.2	2.3
Number of trails for hiking or biking	2.2	1.9	2.3	2.4	2.4
Information about NRA rules and regulations	2.6	2.8	2.8	2.9	2.4
Number of ranger-led programs	2.5	2.7	2.3	2.5	2.5
Amount of launch fee	3.7	3.2	3.5	3.2	3.8

Table 27. Differences in Mean Ratings of Adequacy of Existing Facilities and Services, by Length of Stay

	Day	Overnight	Private Residence
Number of boat ramps	2.8	2.8	2.5
Number of public docks or temporary moorage	2.4	2.3	2.3
Number of restrooms around the shoreline	2.3	2.5	2.1
Number of available floating restrooms	2.0	2.3	2.1
Number of campgrounds	2.6	2.7	2.6
Amount of parking at day use areas	2.8	2.8	2.5
Amount of parking at boat ramps	2.6	2.7	2.4
Law enforcement presence	2.7	3.0	2.9
National Park Service employee presence	2.6	2.9	2.9
Number of developed day use/swim areas around the shore	2.5	2.4	2.4
Access to sandy beaches	2.4	2.2	2.3
Number of trails for hiking or biking	2.2	2.4	2.2
Information about NRA rules and regulations	2.7	2.9	2.6
Number of ranger-led programs	2.5	2.4	2.5
Amount of launch fee	3.6	3.4	3.4

Study participants who visited LARO prior to 2009 were asked if they perceived any change in the quality of facilities and services as compared to those provided two years previously. The majority of respondents rated recreation facilities and services as the same or better than when they visited two years earlier (Figure 20).

A majority of visitors at most of the study sites said that facilities (Figure 21) and services (Figure 22) had not changed. However, it was clear that many visitors at Colville Flats and Evans thought that facilities had improved. At no site did more than 20% of respondents say that facilities had deteriorated. Evaluations of services across sites were similar to evaluations of facilities, with approximately 40% of people contacted at Colville Flats, Evans Campground, and Lion's Island saying that services had improved, and no site having more than 20% of respondents saying services had deteriorated.

When examined by primary activity, differences in evaluations of changes in facilities (Figure 23) and services (Figure 24) were not dramatic. (These analyses had smaller sample sizes, because some participants had not been visiting the area for two years, and only activities that were primary for more than 15 people were included.) Fewer campers said that facilities had improved, while approximately half of boaters thought that facilities were better than in the past. Approximately 60% of people in all activity groups, except fishing, said that the quality of services had not changed.

Figure 20. Assessment of Recreation Facilities and Services Compared to Two Years Ago, by Percent (n=183)

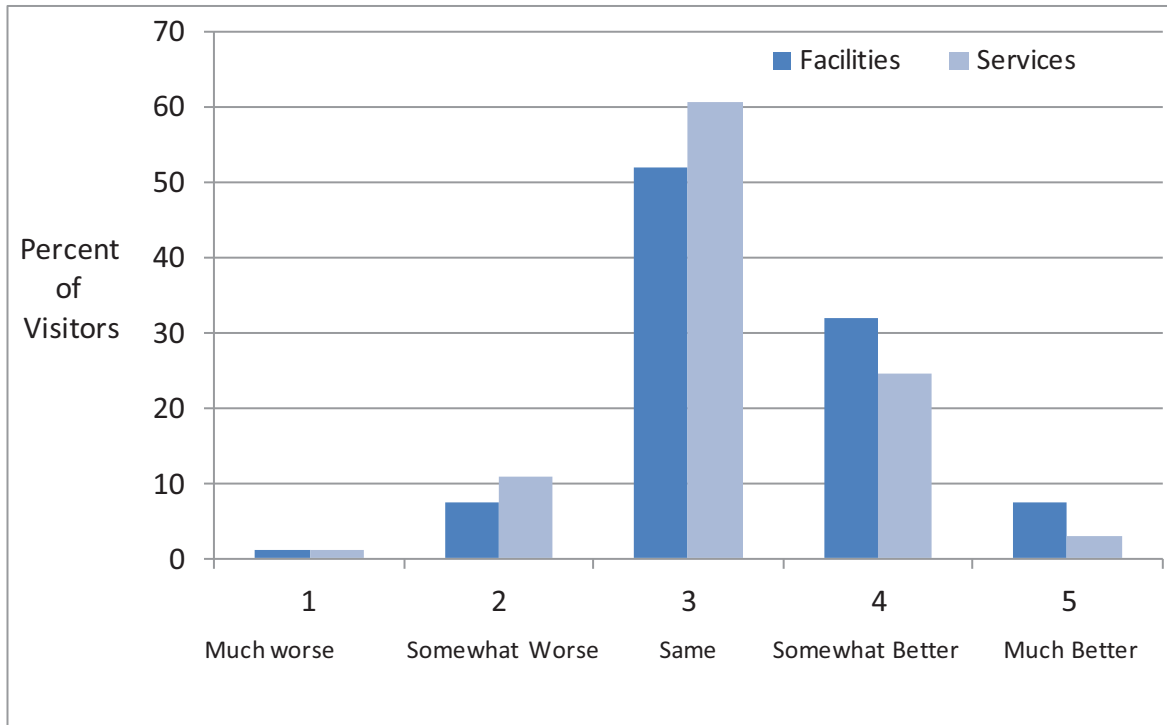


Figure 21. Evaluation of Change in Facilities over the Past Two Years, by Site

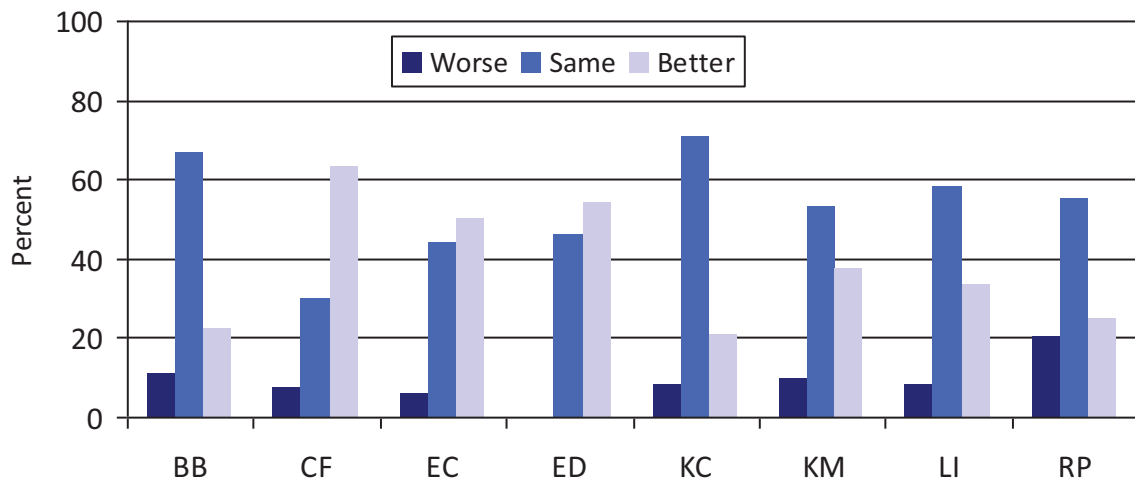


Figure 22. Evaluation of Change in Services over the Past Two Years, by Site

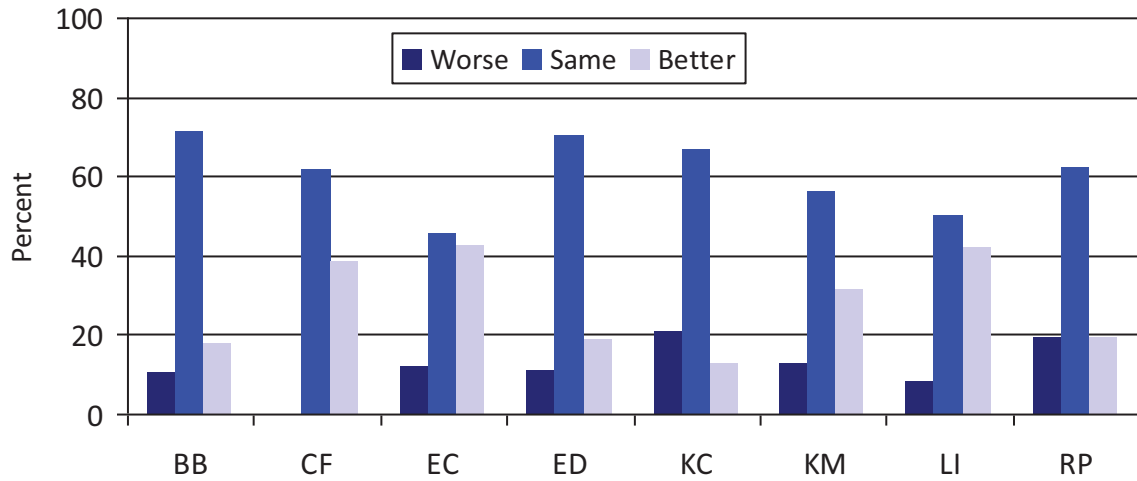
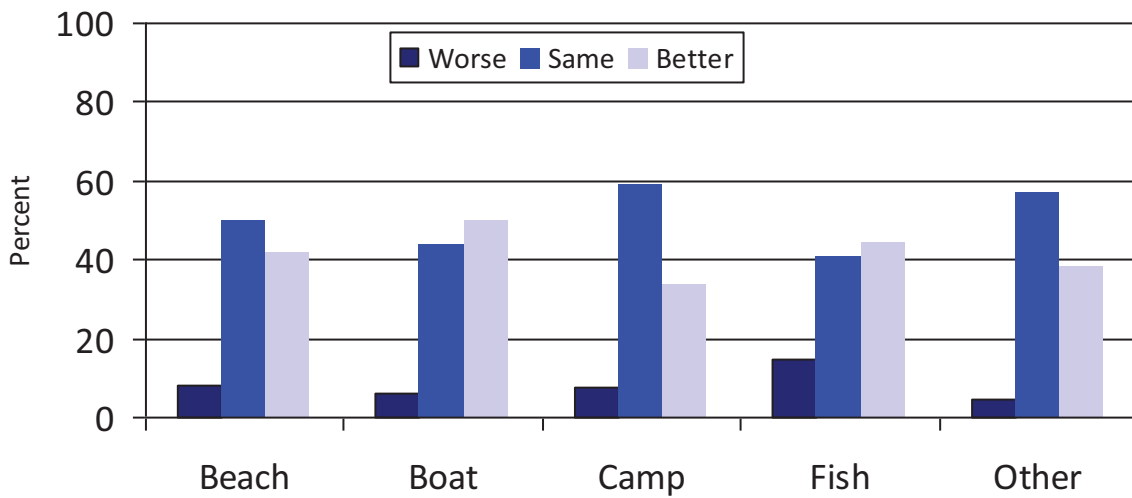
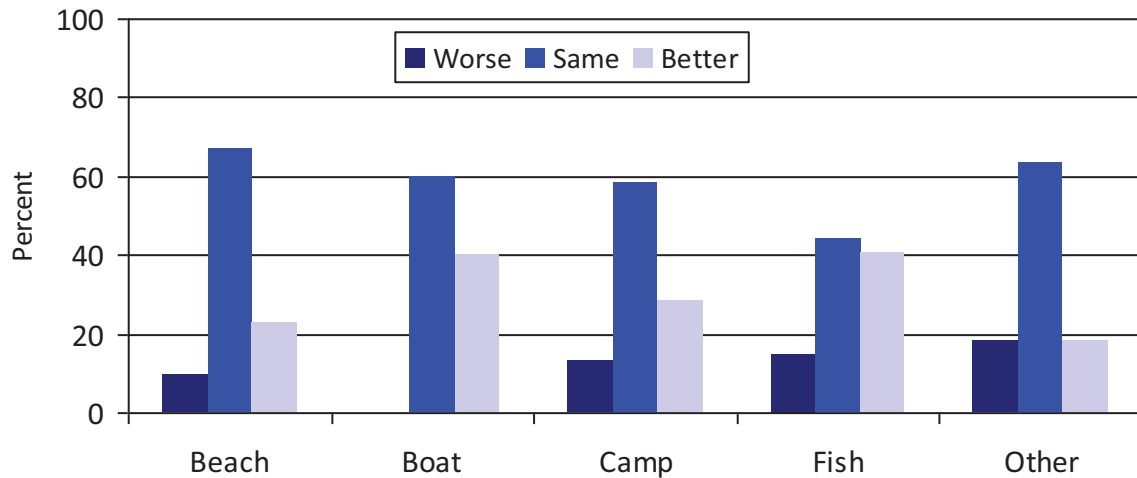


Figure 23. Evaluation of Change in Facilities over the Past Two Years, by Primary Activity



Note: Included only those activities with at least 15 respondents

Figure 24. Evaluation of Change in Services over the Past Two Years, by Primary Activity



Note: Included only those activities with at least 15 respondents

Visitors' evaluations of recreation development and naturalness at LARO

Study participants who completed questionnaire version 2 were asked about how they perceived the level of recreational development (facilities and services) and naturalness at each site (Figure 25). LARO visitors reported that Rickey Point, Lions Island, Colville Flats contained the least amount of development. Study participants reported that the entire study area was perceived as highly natural, even across the most developed recreation sites. When further asked if visitors were satisfied with the level of recreation development at each site, there was a high level of satisfaction across all study sites (Figure 26).

Figure 25. Level of Perceived Development and Naturalness, by Site (n=296)

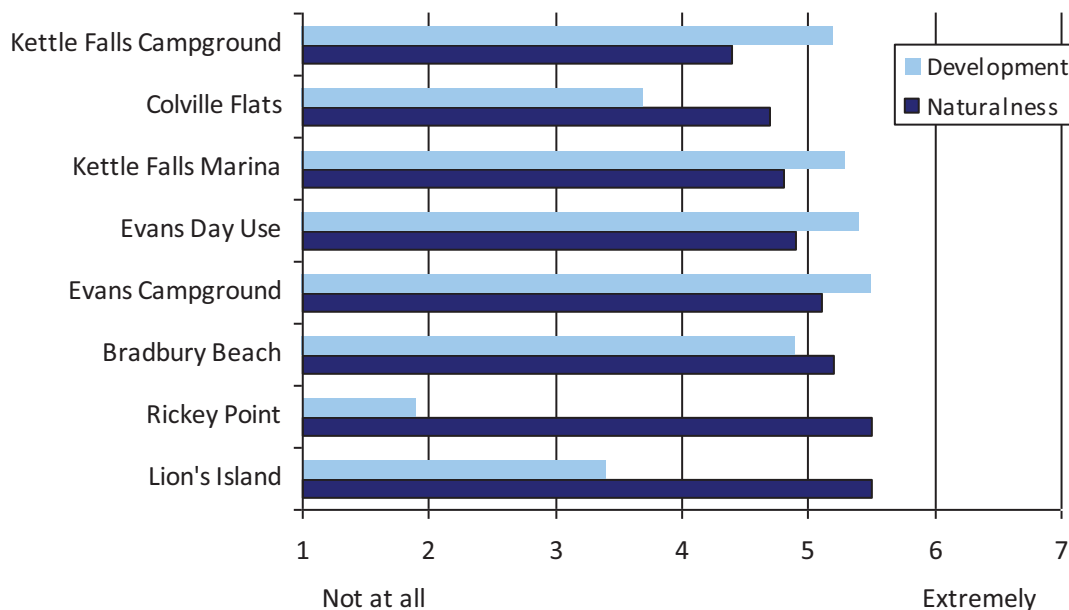
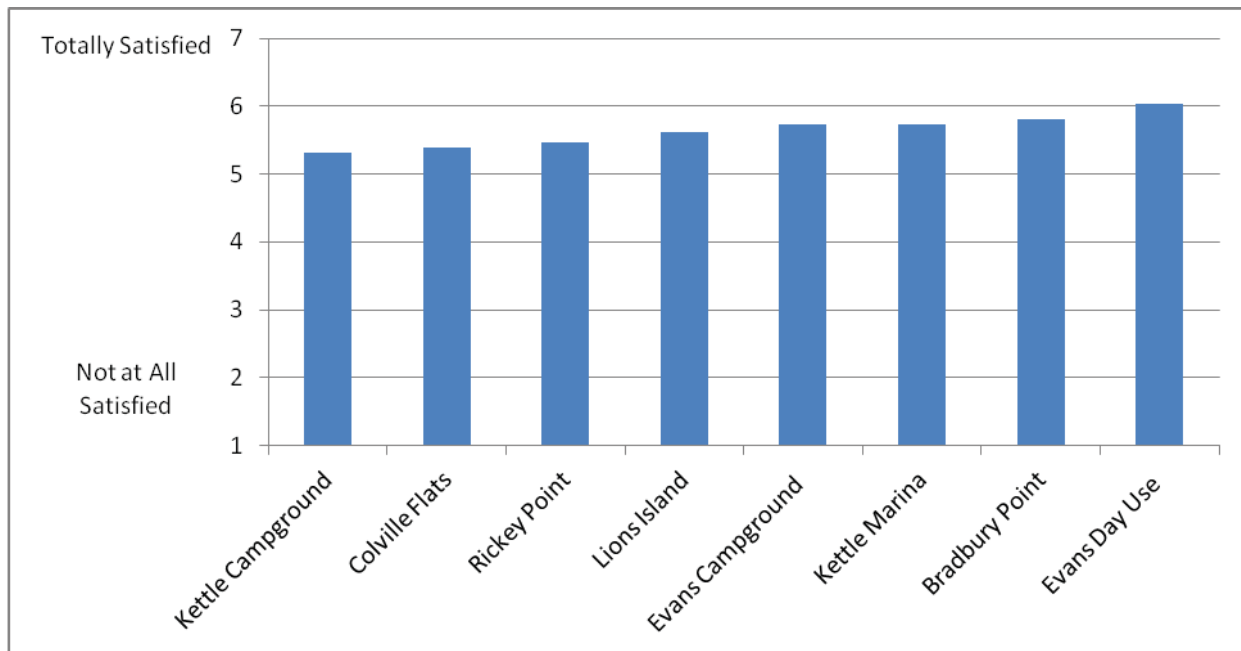


Figure 26. Level of Satisfaction with Recreation Development, by Site (n=296)



Support for potential management changes

When visitors were asked about how much they opposed or supported various management actions (-2, strongly oppose to +2, strongly support) on average there was slight to moderate support for increasing facilities and services (Figure 27). Creating a new day use swim area had the strongest support, followed by making more public restrooms and courtesy docks available at recreation sites. There was also slight support for continuing to grant private vacation cabin leases. On average, there was not strong opposition to any of the listed management developments or actions.

Figure 28 depicts the percentage of people who supported or opposed each action. For several items, 30-40% of people were neutral, perhaps reflecting a lack of interest in a particular issue or facility or relative unfamiliarity with existing conditions. Consistent with Figure 27, these data show strong consensus (>60% support) for the items regarding restrooms, docks and a day use swim area. None of the items was opposed by more than 25% of respondents.

Figure 27. Mean Support for Potential Management Actions, Entire Sample

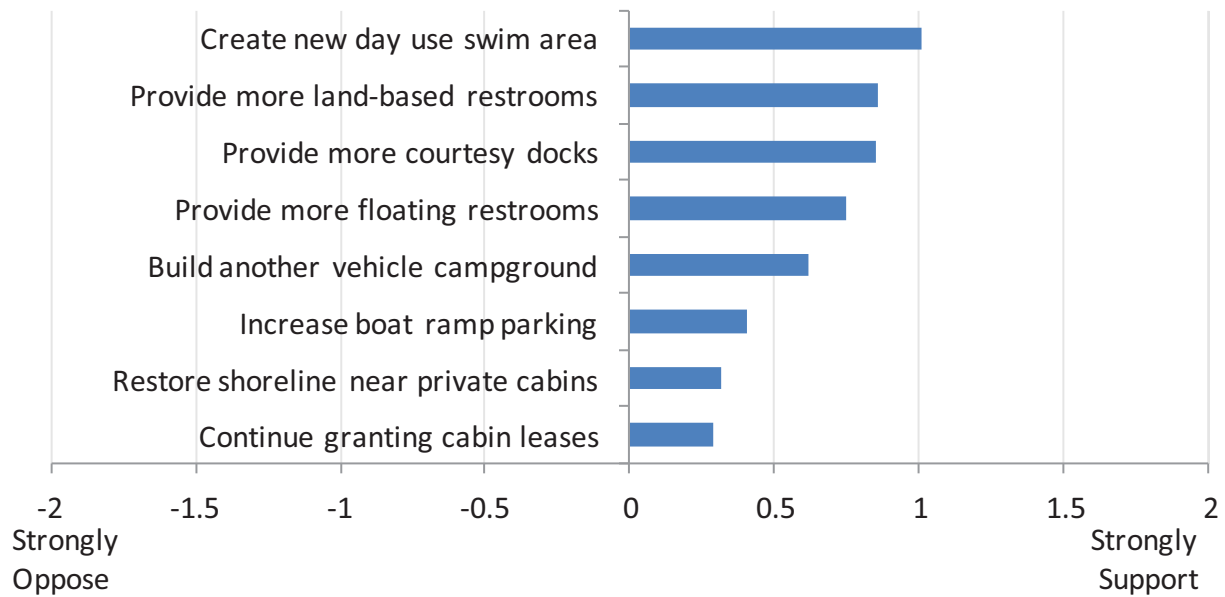
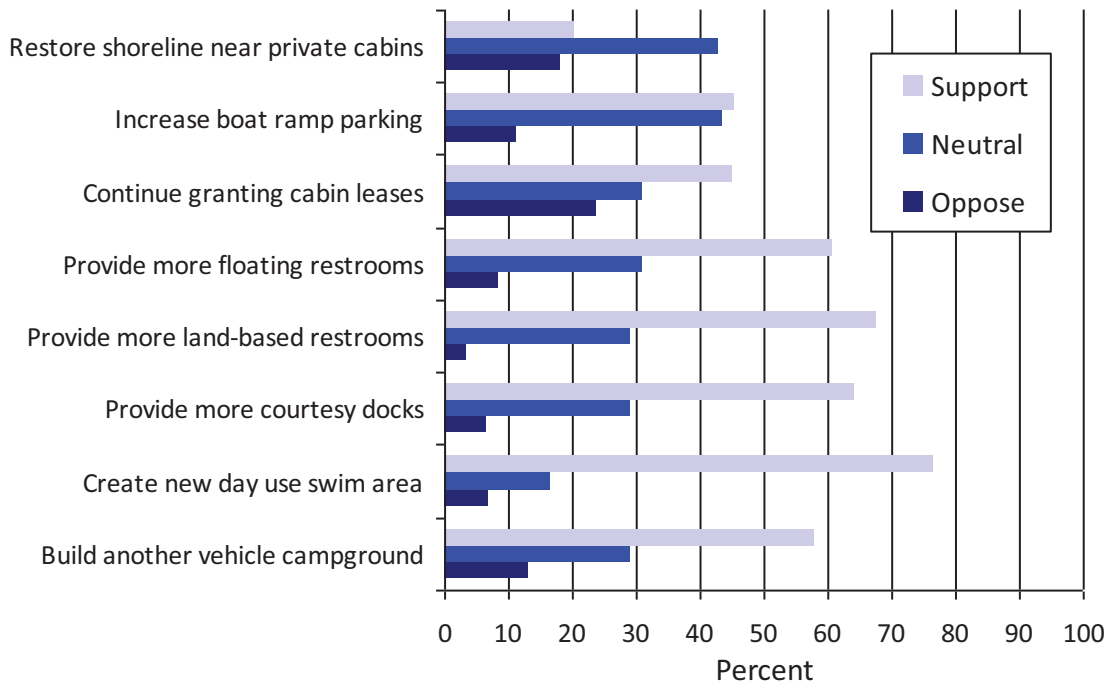


Figure 28. Percent of Respondents Who Support or Oppose Potential Management Actions, Entire Sample



Examining support for potential management actions across sites reveals some differences (Table 28). If we consider a difference of 1 point on the 5-point scale to be managerially meaningful, two items achieved this degree of difference across sites: 1) visitors to day use areas were less likely to support development of a new campground than visitor to other sites, and 2) visitors to Kettle Falls Campground and Rickey Point, on average, opposed continuation of leases for seasonal cabins than visitors to other sites.

When looking at support for these potential managements by primary activity (Table 29), there were relatively few large differences. None of the differences was larger than 1 point, or 20%. Similarly, differences by length of stay (Table 30) were rather small.

Table 28. Mean Level of Support for Potential Management Actions, by Site

	BB	CF	EC	ED	KC	KM	LI	RP
Build another vehicle campground	0.4	0.1	1.1	0.2	0.8	0.6	0.7	0.9
Create new day use swim area	1.2	0.9	0.9	0.8	1.2	1.0	0.9	1.2
Provide more courtesy docks	0.7	0.7	1.1	0.4	1.2	0.9	0.9	0.7
Provide more land-based restrooms	0.9	1.1	1.0	0.4	0.8	0.8	0.7	1.2
Provide more floating restrooms	0.4	0.6	0.9	0.5	1.0	0.8	1.2	1.0
Continue granting cabin leases	0.7	0.1	0.3	0.4	-0.4	0.6	1.0	-0.3
Increase boat ramp parking	0.5	0.3	0.5	0.2	0.3	0.7	0.5	-0.1
Restore shoreline near private cabins	0.2	0.5	0.3	0.4	0.0	0.4	0.4	0.3

Scale: -2 (strongly oppose) to +2 (strongly support)

Table 29. Mean Level of Support for Potential Management Actions, by Primary Activity

	Beach	Boat	Camp	Fish	Picnic
Build another vehicle campground	0.5	0.3	0.9	0.8	0.3
Create new day use swim area	1.1	1.0	1.0	1.0	1.0
Provide more courtesy docks	0.8	1.1	0.9	1.2	0.8
Provide more land-based restrooms	1.0	1.1	0.9	0.9	0.8
Provide more floating restrooms	0.7	1.1	0.9	0.8	0.4
Continue granting cabin leases	0.3	0.8	0.2	0.7	0.5
Increase boat ramp parking	0.2	0.9	0.5	0.7	0.7
Restore shoreline near private cabins	0.5	0.5	0.3	0.3	0.7

Scale: -2 (strongly oppose) to +2 (strongly support)

Table 30. Mean Level of Support for Potential Management Actions, by Length of Stay

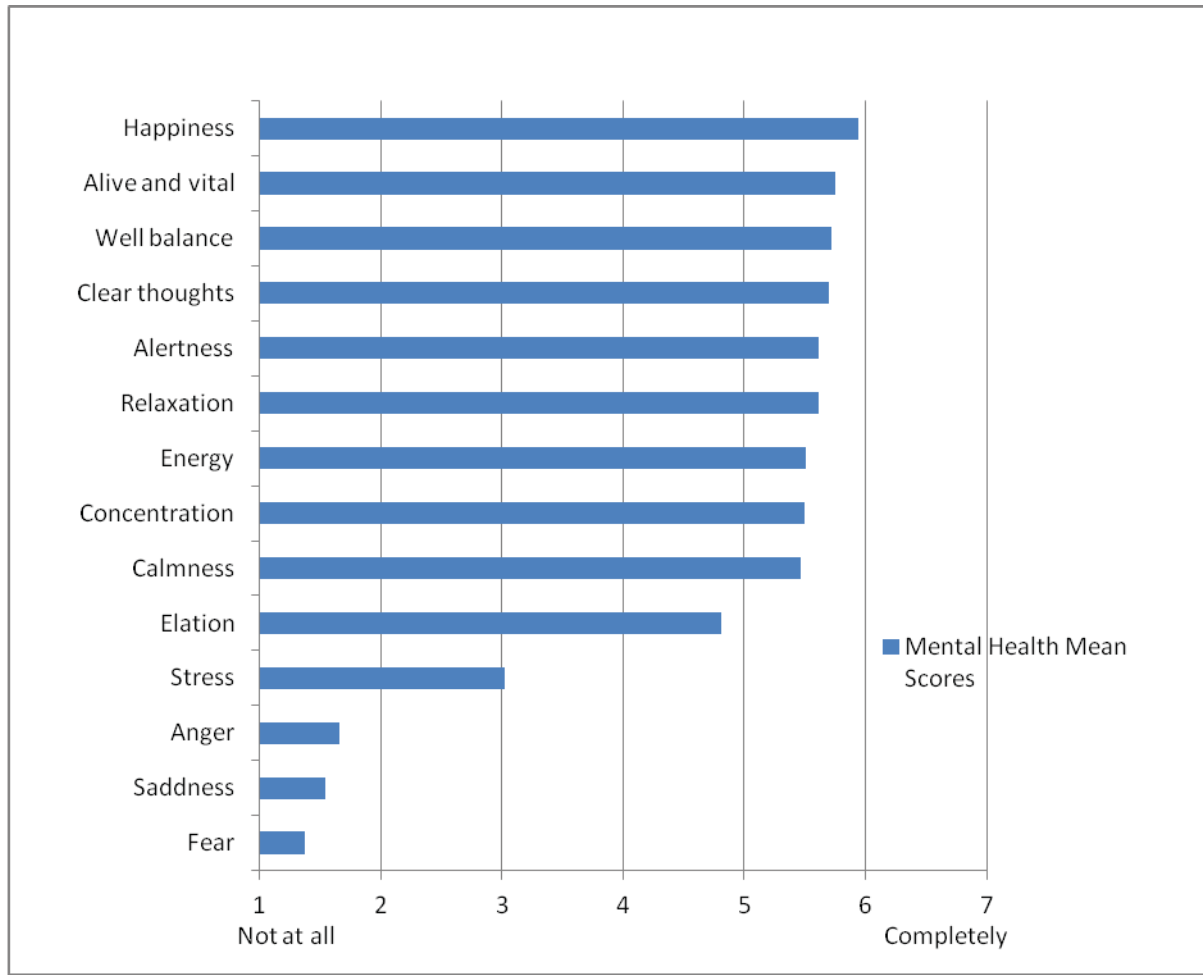
	Day	Overnight	Private Residence
Build another vehicle campground	0.4	0.8	0.1
Create new day use swim area	1.1	1.0	0.7
Provide more courtesy docks	0.9	0.9	0.6
Provide more land-based restrooms	0.9	0.8	0.7
Provide more floating restrooms	0.8	0.8	0.3
Continue granting cabin leases	0.5	0.2	0.3
Increase boat ramp parking	0.3	0.4	0.4
Restore shoreline near private cabins	0.3	0.2	0.2

Scale: -2 (strongly oppose) to +2 (strongly support)

Psychological outcomes

The NPS recognizes that outdoor recreation experiences have the potential to provide a wide range of health benefits, including improvements in mental well-being. To assess such benefits at LARO, survey participants who completed questionnaire version 2 were asked about their mental state, specifically “how they felt now,” while visiting recreation sites (7-point scale, 1 = not at all, 7 = completely). Responses indicate that visitors were in an overall positive state when they completed the questionnaire and that negative emotions were largely not present (Figure 29). Further details regarding the meanings of the psychological aspects of park visitation are under separate cover as part of Drew Bentley’s University Idaho PhD dissertation.

Figure 29. Visitors' Feelings of Mental Health States While at the Lakeshore (n=267)



Written comments

The final survey question asked visitors if they had any additional concerns or comments regarding how to best improve the LARO recreation experience. Hand written comments were submitted from 307 visitors and transcribed by field staff (Appendix D). The subject matter of these comments includes both praise for LARO management and some highly detailed suggestions on how visitor enjoyment of LARO might be increased. Many comments reflect visitor observations about the changing lake level, either that the level is too low or high, or that visitors do not appear to understand why the lake level fluctuates.

CONCLUSIONS

This study was conducted as part of a process to develop a monitoring tool to assess public need for recreation in the Kettle Falls Area of Lake Roosevelt National Recreation Area. Visitors completed one of two questionnaires that asked about trip and visitor characteristics, perceptions of a wide range of potential problems, and views on management practices, services, and facilities. The data presented in this report can serve as a baseline for future monitoring efforts to document changes in visitor perceptions and concerns over time.

While there were some predictable differences among user groups based on the site where they were contacted, their primary activity, or trip length, overall visitors were rather uniform in their perceptions of issues and support for management.

In the next phase of our project, we will bring together use data collected in 2010 with these survey data to propose alternative monitoring tools that can be used by the NPS when making a determination about public need for recreation.

REFERENCES CITED

Bentley, A. G. & Hall, T. E. 2011. Assessing the need for recreational access at shoreline recreation settings near the Kettle Falls area of Lake Roosevelt National Recreation Area: Methods used in recreational needs assessments. Report prepared for the National Park Service. Moscow, ID: University of Idaho, College of Natural Resources.

APPENDIX A: Sampling interval for each of the study sites

Study site	Sampling interval (i.e., approach every 8 th , 5 th , etc., person)
Evans Campground	Every 3 rd campsite and use next birthday method
Evans Day Use	1,1, then skip 1, repeat
Kettle Falls Campground	Every 4th campsite and use next birthday method
Kettle Falls Marina	1
Lions Island	1
Colville Flats	1,1 then skip 1, repeat
Rickey Point	1
Bradbury Point	3

APPENDIX B: QUESTIONNAIRE VERSION 1

Lake Roosevelt
National Recreation Area (NRA)
Visitor Experience Study
Your opinions do count!



Conducted by:
College of Natural Resources
University of Idaho

This survey will help to inform the National Park Service about important management decisions that provide enjoyable experiences for visitors, while protecting the natural resources for future generations to enjoy.

For further information contact:

Principal Investigators

Dr. Troy Hall and Drew Bentley

University of Idaho

Department of Conservation Social Sciences

Moscow, ID 83844

208.885.9455

troyh@uidaho.edu

PRIVACY ACT and PAPERWORK REDUCTION ACT statement:

16 U.S.C. 1a-7 authorizes collection of this information. This information will be used by park managers to better serve the public. Response to this request is voluntary. No action may be taken against you for refusing to supply the information requested. Permanent data will be anonymous. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Control Number: 1024 - 0224

Expiration Date: 6 -30 -2011

Burden estimate statement: Public reporting for this form is estimated to average 15 minutes per response. Direct comments regarding the burden estimate or any other aspect of this form to:

Lake Roosevelt National Recreation Area

Marsha Buchanan

Commercial Services Program Specialist

1008 Crest Drive

Coulee Dam, Washington 99116

509.633.9441 x140

1: Questions about how often you visit Lake Roosevelt and other areas.

*(Please mark **only** one response for each item)*

A. How many times have you visited Lake Roosevelt NRA in the last 12 months (including today)? 1-5 6-10 11-20 More than 20

B. How many years have you been visiting Lake Roosevelt NRA (including today)? 1-5 6-10 11-20 More than 20

C. How many times have you visited other similar lakes for recreation in the last 12 months? None 1-5 6-10 11-20 More than 20

D. How many years have you visited other similar lakes for recreation? None 1-5 6-10 11-20 More than 20

E. On this visit, how long do you and your group plan to stay at Lake Roosevelt NRA?

_____ Number of hours, if less than 24 hours *(Please go to question #3)*

OR

_____ Number of days (including today), if 24 hours or more *(Please go to question #2)*

2: Questions about your lodging while visiting Lake Roosevelt.

In what types of lodging did/will you and your group stay during this visit to Lake Roosevelt NRA?
(Please mark all that apply.)

A. Lodging **inside** the boundaries of Lake Roosevelt NRA?
 No Yes →

- Camping in developed campground (RV, camper, tent, etc)
- Boat-in camping on shoreline
- Seasonal shoreline residence at Rickey Point
- Seasonal shoreline residence at Sherman Creek
- Other: _____

B. Lodging **outside** the NRA boundaries?
 No Yes →

- Camping in developed campground (RV, camper, tent, etc)
 - Forest Service
 - Private
 - Other
- Dispersed camping (not in a designated campground)
- Lodge, motel, rented condo/home, or bed & breakfast
- Your own home
- Residence of friends or relatives
- Other: _____

C. If you have ever camped at Lake Roosevelt NRA...
What is your favorite campground at the Lake?

(Please specify): _____ OR None

3. Questions about your activities at Lake Roosevelt on this trip.

On this visit, what activities will you do or have done while visiting Lake Roosevelt NRA?
 (Please mark all that apply)

A.	<input type="checkbox"/>	Sightseeing
B.	<input type="checkbox"/>	Observing/watching wildlife
C.	<input type="checkbox"/>	Fishing from bank or dock
D.	<input type="checkbox"/>	Fishing from boat
E.	<input type="checkbox"/>	Picnicking
F.	<input type="checkbox"/>	Beachcombing
G.	<input type="checkbox"/>	Swimming/wading at a beach
H.	<input type="checkbox"/>	Inner tube floating
I.	<input type="checkbox"/>	Power boating
J.	<input type="checkbox"/>	House boating
K.	<input type="checkbox"/>	Canoeing, kayaking, hand-power boating
L.	<input type="checkbox"/>	Sail boating
M.	<input type="checkbox"/>	Personal watercraft
N.	<input type="checkbox"/>	Waterskiing
O.	<input type="checkbox"/>	Tubing/kneeboard
P.	<input type="checkbox"/>	Scuba or skin diving
Q.	<input type="checkbox"/>	Walking with a pet
R.	<input type="checkbox"/>	Walking without a pet
S.	<input type="checkbox"/>	Camping
T.	<input type="checkbox"/>	Other (Please specify: _____)

U. Which ONE activity from this list is your primary reason for this visit to Lake Roosevelt NRA?

(Please enter letter from question #3) _____

V. What is your favorite place at Lake Roosevelt?

(Please name it, describe its location, or mark "none")

_____ is my favorite place OR None

W. If boating at Lake Roosevelt, what is your preferred launch site?

(Please specify): _____ OR None

4. Questions about how crowded you feel at Lake Roosevelt.

A. Thinking about today and all your past visits, in general, how often do you have to wait 15 minutes or more to launch at your preferred boat ramp at Lake Roosevelt NRA? *(Please check one)*

- Not applicable Never Occasionally Often Usually Always

B. When doing your primary activity at Lake Roosevelt NRA, how crowded do you usually feel? *(Please circle **only one number**)*

- | | | | |
|-----------------------|---------------------|-----------------------|----------------------|
| Not at all
Crowded | Slightly
Crowded | Moderately
Crowded | Extremely
Crowded |
| 1 2 | 3 4 | 5 6 7 | 8 9 |

C. How crowded do you feel here in this location today? *(Please circle **only one number**)*

- | | | | |
|-----------------------|---------------------|-----------------------|----------------------|
| Not at all
Crowded | Slightly
Crowded | Moderately
Crowded | Extremely
Crowded |
| 1 2 | 3 4 | 5 6 7 | 8 9 |

D. Have you ever changed your visits to Lake Roosevelt NRA because of crowding?

- No
- Yes *(Please **mark all that apply below**)*
- I sometimes visit Lake Roosevelt NRA earlier or late in the year to avoid crowds.
 - I sometimes visit Lake Roosevelt NRA on weekdays to avoid weekend crowds.
 - I sometimes avoid holiday weekends at Lake Roosevelt NRA.
 - I try to find quiet places on the lake to avoid crowded locations.
 - I sometimes come to Lake Roosevelt NRA earlier or later in the day to avoid busy times.
 - I sometimes go to other places when Lake Roosevelt NRA is too crowded.
 - I sometimes camp at campgrounds away from the lake when the Lake Roosevelt NRA campgrounds are full.
 - I sometimes camp on Tribal shores because of crowds or lack of open beaches on NPS lands.

5. Questions about management issues.

How much of a problem do you think the following issues are at Lake Roosevelt NRA? For each item, indicate whether you noticed it on this visit. If you noticed, please circle how much of a problem it was for you.		Noticed? If Yes →	Not a problem	Slight	Moderate	Big Problem	Don't Know
A.	Litter around the lake	No / Yes	→ 1	2	3	4	DK
B.	Human waste along the shoreline	No / Yes	→ 1	2	3	4	DK
C.	Inconsiderate behavior by other visitors	No / Yes	→ 1	2	3	4	DK
D.	Conflict between visitors	No / Yes	→ 1	2	3	4	DK
E.	Lack of public access to beaches	No / Yes	→ 1	2	3	4	DK
F.	High water levels at some times of year that prevent access to beaches	No / Yes	→ 1	2	3	4	DK
G.	Too many boats on the lake	No / Yes	→ 1	2	3	4	DK
H.	Lack of privacy at day use areas	No / Yes	→ 1	2	3	4	DK
I.	Lack of privacy in campgrounds	No / Yes	→ 1	2	3	4	DK
J.	Use of alcohol by visitors	No / Yes	→ 1	2	3	4	DK
K.	Crowding at the boat ramps	No / Yes	→ 1	2	3	4	DK
L.	Crowding at day use sites	No / Yes	→ 1	2	3	4	DK
M.	Crowded developed campgrounds	No / Yes	→ 1	2	3	4	DK
N.	Crowded boat-in camping areas	No / Yes	→ 1	2	3	4	DK
O.	Lack of access to beaches in front of private cabins because of the presence of private property	No / Yes	→ 1	2	3	4	DK
P.	Roadway conditions that prevent access to shoreline	No / Yes	→ 1	2	3	4	DK
Q.	Dogs off leash or not under control	No / Yes	→ 1	2	3	4	DK
R.	Lack of natural appearing scenery in locations where cabins are near the shoreline	No / Yes	→ 1	2	3	4	DK

6. Questions about facilities and services at Lake Roosevelt.

What is your assessment of the number or amount of each of the following facilities or services at the Kettle Falls area of Lake Roosevelt NRA? If you don't know or have no opinion, please circle "DK." (Please circle one number for each item)

		Too Little		Just Right	Too Much		Don't Know
A.	Number of boat ramps	1	2	3	4	5	DK
B.	Number of public docks or temporary moorage	1	2	3	4	5	DK
C.	Number of restrooms around the shoreline	1	2	3	4	5	DK
D.	Number of available floating restrooms	1	2	3	4	5	DK
E.	Number of campgrounds	1	2	3	4	5	DK
F.	Amount of parking at day use areas	1	2	3	4	5	DK
G.	Amount of parking at boat ramps	1	2	3	4	5	DK
H.	Law enforcement presence	1	2	3	4	5	DK
I.	National Park Service employee presence	1	2	3	4	5	DK
J.	Number of developed day use/swim areas around the shore	1	2	3	4	5	DK
K.	Access to sandy beaches	1	2	3	4	5	DK
L.	Number of trails for hiking or biking	1	2	3	4	5	DK
M.	Information about NRA rules and regulations	1	2	3	4	5	DK
N.	Number of ranger-led programs	1	2	3	4	5	DK
O.	Amount of launch fee	1	2	3	4	5	DK

P. In what year was your first visit to the Kettle Falls area of Lake Roosevelt NRA?
Year: _____

If you did not visit the Kettle Falls area of Lake Roosevelt NRA on any occasion prior to 2009, please skip to Question 7.

Q. Overall, how would you rate current recreation facilities at Lake Roosevelt NRA compared to those provided two years ago? (Please mark only one response)

Much worse

Somewhat worse

The same

Somewhat better

Much better

R. Overall, how would you rate current visitor services at Lake Roosevelt NRA compared to those provided two years ago? (Please mark only one response)

<input type="checkbox"/>	Much worse
<input type="checkbox"/>	Somewhat worse
<input type="checkbox"/>	The same
<input type="checkbox"/>	Somewhat better
<input type="checkbox"/>	Much better

7. Questions about support for different management strategies.

How much do you support or oppose each of the following possible developments or management actions at Lake Roosevelt NRA? If you don't know or have no opinion, please circle "DK."

		Strongly Oppose	Oppose	Neutral	Support	Strongly Support	Don't Know
A.	Build another vehicle accessible campground	-2	-1	0	1	2	DK
B.	Create a new day use swim area	-2	-1	0	1	2	DK
C.	Provide more courtesy docks for boat use at campgrounds	-2	-1	0	1	2	DK
D.	Provide more land-based restroom facilities	-2	-1	0	1	2	DK
E.	Provide additional water-based restroom facilities	-2	-1	0	1	2	DK
F.	Continue granting existing NPS leases for private vacation cabins on public lands at Sherman Creek and Rickey Point areas	-2	-1	0	1	2	DK
G.	Increase boat ramp parking	-2	-1	0	1	2	DK
H.	Restore and rehabilitate shoreline adjacent to private cabins	-2	-1	0	1	2	DK

8. Questions about how use levels affect you at Lake Roosevelt.

We would like to know how many people you think could visit various places at Lake Roosevelt at any one time without feeling too crowded. To help judge this, a series of photographs of these areas is provided with this questionnaire. These photographs show different numbers of visitors.

Please rate each photograph by indicating how acceptable you find the level of use shown. A rating of “-4” means the number of visitors is “very unacceptable”, and a rating of “+4” means the number of visitors is “very acceptable”. *(Circle one number for each photograph)*

	Very Unacceptable					Very Acceptable				
Photo 1	-4	-3	-2	-1	0	+1	+2	+3	+4	
Photo 2	-4	-3	-2	-1	0	+1	+2	+3	+4	
Photo 3	-4	-3	-2	-1	0	+1	+2	+3	+4	
Photo 4	-4	-3	-2	-1	0	+1	+2	+3	+4	
Photo 5	-4	-3	-2	-1	0	+1	+2	+3	+4	
Photo 6	-4	-3	-2	-1	0	+1	+2	+3	+4	

What photograph from the above set shows the number of people that would be so unacceptable that you would not visit?

Photo number: _____ OR

None of the photographs show a level of use that is so unacceptable that I would not visit.

9. And some questions about you!

A. What is your gender? *(Please check one)*

- Male
- Female

B. In what year were you born?

Year born: _____

C. Do you live in the United States? *(Please check one)*

- Yes → (What is your zip code? _____)
- No → (In what country do you live? _____)

D. How many people are in your personal group during this visit, including yourself?

_____ Adults (age 16 years and older)

_____ Children (under the age of 16)

(Please go to question #10, next page)

10. Your comments about management of Lake Roosevelt NRA.

Please use the space below to write any additional concerns or comments regarding how to improve the recreation experience at Lake Roosevelt NRA.

Thanks again for your participation in this study!

Please return this completed questionnaire to the researcher when finished.

APPENDIX C: QUESTIONNAIRE VERSION 2

**Lake Roosevelt
National Recreation Area (NRA)**
Visitor Experience Study

Your opinions do count!



Conducted by:
College of Natural Resources
University of Idaho

This survey will help to inform the National Park Service about important management decisions that provide enjoyable experiences for visitors, while protecting the natural resources for future generations to enjoy.

For further information contact:

Principal Investigators

Dr. Troy Hall and Drew Bentley

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Moscow, ID 83844

208.885.9455

troyh@uidaho.edu

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Lake Roosevelt National Recreation Area

Marsha Buchanan

Commercial Services Program Specialist

1008 Crest Drive

Coulee Dam, Washington 99116

509.633.9441 x140

1: These questions ask about how often you visit Lake Roosevelt and other areas.

*(Please mark **only** one response for each item)*

- F. How many times have you visited Lake Roosevelt NRA in the last 12 months (including today)? 1-5 6-10 11-20 More than 20
- G. How many years have you been visiting Lake Roosevelt NRA (including today)? 1-5 6-10 11-20 More than 20
- H. How many times have you visited other similar lakes for recreation in the last 12 months? None 1-5 6-10 11-20 More than 20
- I. How many years have you visited other similar lakes for recreation? None 1-5 6-10 11-20 More than 20

J. On this visit, how long do you and your group plan to stay at Lake Roosevelt NRA?

_____ Number of hours, if less than 24 hours *(Please go to question #3)*

OR

_____ Number of days (including today), if 24 hours or more *(Please go to question #2)*

2: Questions about your lodging while visiting Lake Roosevelt.

In what types of lodging did/will you and your group stay during this visit to Lake Roosevelt NRA?
(Please mark all that apply)

D. Lodging **inside** the boundaries of Lake Roosevelt NRA?
 No Yes →

- Camping in developed campground (RV, camper, tent, etc)
- Boat-in camping on shoreline
- Seasonal shoreline residence at Rickey Point
- Seasonal shoreline residence at Sherman Creek
- Other: _____

E. Lodging **outside** the NRA boundaries?
 No Yes →

- Camping in developed campground (RV, camper, tent, etc)
 - Forest Service
 - Private
 - Other
- Dispersed camping (not in a designated campground)
- Lodge, motel, rented condo/home, or bed & breakfast
- Your own home
- Residence of friends or relatives
- Other: _____

F. If you have ever camped at Lake Roosevelt NRA...
What is your favorite campground at the Lake?
(Please specify): _____ OR None

3. Questions about your activities at Lake Roosevelt on this trip.

On this visit, what activities will you do or have you done while visiting Lake Roosevelt NRA?
(Please mark all that apply)

X.	<input type="checkbox"/>	Sightseeing
Y.	<input type="checkbox"/>	Observing/watching wildlife
Z.	<input type="checkbox"/>	Fishing from bank or dock
AA.	<input type="checkbox"/>	Fishing from boat
BB.	<input type="checkbox"/>	Picnicking
CC.	<input type="checkbox"/>	Beachcombing
DD.	<input type="checkbox"/>	Swimming/wading at a beach
EE.	<input type="checkbox"/>	Inner tube floating
FF.	<input type="checkbox"/>	Power boating
GG.	<input type="checkbox"/>	House boating
HH.	<input type="checkbox"/>	Canoeing, kayaking, hand-powered boating
II.	<input type="checkbox"/>	Sail boating
JJ.	<input type="checkbox"/>	Personal watercraft
KK.	<input type="checkbox"/>	Waterskiing
LL.	<input type="checkbox"/>	Tubing/kneeboard
MM.	<input type="checkbox"/>	Scuba or skin diving
NN.	<input type="checkbox"/>	Walking with a pet
OO.	<input type="checkbox"/>	Walking without a pet
PP.	<input type="checkbox"/>	Camping
QQ.	<input type="checkbox"/>	Other (Please specify: _____)

RR. Which ONE activity from this list is your primary reason for this visit to Lake Roosevelt NRA?

(Please enter letter from question #3) _____

SS. What is your favorite place at Lake Roosevelt?

(Please name it, describe its location, or mark "none")

_____ is my favorite place OR None

TT. If boating at Lake Roosevelt, what is your preferred launch site?

(Please specify): _____ OR None

4. Questions about how crowded you feel at Lake Roosevelt.

A	Thinking about today and all your past visits, in general, how often do you have to wait 15 minutes or more to launch at your preferred boat ramp at Lake Roosevelt NRA? (Please mark <input checked="" type="checkbox"/> only one)											
	<input type="checkbox"/> Not applicable		<input type="checkbox"/> Never		<input type="checkbox"/> Occasionally		<input type="checkbox"/> Often		<input type="checkbox"/> Usually		<input type="checkbox"/> Always	
B	When doing your primary activity at Lake Roosevelt NRA, how crowded do you usually feel? (Please circle only one number)											
	Not at all Crowded		Slightly Crowded		Moderately Crowded		Extremely Crowded					
	1	2	3	4	5	6	7	8	9			
C	How crowded do you feel here in this location today? (Please circle only one number)											
	Not at all Crowded		Slightly Crowded		Moderately Crowded		Extremely Crowded					
	1	2	3	4	5	6	7	8	9			

5. Questions about the level of recreation development at this site.

A.	Thinking about the site where you are now, how would you describe the level of recreational development such as the presence of boat ramps, restrooms, picnic tables, etc.? (Please circle only one number)											
	Not at all developed		Somewhat developed		Moderately developed		Totally developed					
	1	2	3	4	5	6	7					
B.	Thinking about the site where you are now, how natural is this area to you? (Please circle only one number)											
	Not at all natural		Somewhat natural		Moderately natural		Totally natural					
	1	2	3	4	5	6	7					
C.	How satisfied are you with the level of development at this site? (Please circle only one number)											
	Not at all satisfied		Somewhat satisfied		Moderately satisfied		Totally satisfied					
	1	2	3	4	5	6	7					

6. Questions about this specific Lake Roosevelt site.

When thinking about **where you are right now** at Lake Roosevelt NRA, how much do you agree or disagree with the following statements? (*Please **circle** only one number for each item*)

	Completely Disagree	Strongly Disagree	Slightly Disagree	Neithe r	Slightly Agree	Strongly Agree	Completely Agree
A. I am capable of meeting any challenges this setting presents to me.	-3	-2	-1	0	1	2	3
B. There is plenty to discover here.	-3	-2	-1	0	1	2	3
C. Everything in this place goes well together.	-3	-2	-1	0	1	2	3
D. I feel free from my daily routine or work.	-3	-2	-1	0	1	2	3
E. The natural environment here seems safe to me.	-3	-2	-1	0	1	2	3
F. The setting here feels novel to me.	-3	-2	-1	0	1	2	3
G. There are many new things to see here.	-3	-2	-1	0	1	2	3
H. The physical environment here is different from where I spend my daily life.	-3	-2	-1	0	1	2	3
I. I am away from my obligations.	-3	-2	-1	0	1	2	3
J. I can rapidly adapt to the setting when visiting here.	-3	-2	-1	0	1	2	3
K. There is plenty I want to linger on at this place.	-3	-2	-1	0	1	2	3
L. I feel I am away from everything.	-3	-2	-1	0	1	2	3

6. Questions about this specific site, continued.

When thinking about **where you are right now** at Lake Roosevelt NRA, how much do you agree or disagree with the following statements? *(Please circle only one number for each item)*

	Completely Disagree	Strongly Disagree	Slightly Disagree	Neither	Slightly Agree	Strongly Agree	Completely Agree
M. The surroundings here create pleasing views to me.	-3	-2	-1	0	1	2	3
N. I can handle the kinds of problems that might come up here.	-3	-2	-1	0	1	2	3
O. There are many interesting things in this setting.	-3	-2	-1	0	1	2	3
P. The things I see here belong here.	-3	-2	-1	0	1	2	3
Q. I don't worry about my personal safety here.	-3	-2	-1	0	1	2	3
R. This setting provides me with enough to see and experience.	-3	-2	-1	0	1	2	3
S. I am absorbed by the setting here.	-3	-2	-1	0	1	2	3
T. The environment here gives me the opportunity to do things I like.	-3	-2	-1	0	1	2	3
U. There is compatibility between things I like to do and the setting here.	-3	-2	-1	0	1	2	3
V. When visiting this place, I feel free of the demands or expectations of others.	-3	-2	-1	0	1	2	3
W. When I come here I do something different than I usually do.	-3	-2	-1	0	1	2	3
X. There are many things here that attract my attention.	-3	-2	-1	0	1	2	3
Y. I am comfortable in this place.	-3	-2	-1	0	1	2	3

7. Questions about how important this site is to you.

When thinking about **where you are right now** at Lake Roosevelt NRA, how much do you agree or disagree with the following statements? *(Please **circle** only one number for each item)*

	Completely Disagree	Strongly Disagree	Slightly Disagree	Neither	Slightly Agree	Strongly Agree	Completely Agree
A. This place is very special to me.	-3	-2	-1	0	1	2	3
B. I get more satisfaction out of visiting here than visiting any other similar area.	-3	-2	-1	0	1	2	3
C. I am very attached to this place.	-3	-2	-1	0	1	2	3
D. This is the best place for what I like to do.	-3	-2	-1	0	1	2	3
E. This place means a great deal to me.	-3	-2	-1	0	1	2	3
F. I wouldn't substitute any other area for doing the types of things I do here.	-3	-2	-1	0	1	2	3
G. I identify strongly with this place.	-3	-2	-1	0	1	2	3
H. No other place can compare to this one.	-3	-2	-1	0	1	2	3
I. Visiting here says a great deal about who I am.	-3	-2	-1	0	1	2	3
J. Doing what I do here is more important than doing it at any other place.	-3	-2	-1	0	1	2	3
K. I feel like this place is a part of me.	-3	-2	-1	0	1	2	3
L. The things I do at Lake Roosevelt I would enjoy just as much at a similar lake.	-3	-2	-1	0	1	2	3

8. Questions about your feelings before and during this visit to Lake Roosevelt.

The following questions or statements ask about how you felt before visiting this site and how you feel now. (Please **circle** only one number for each question)

	Not at all	2	3	4	5	6	7	Completely
A. How well-balanced did you feel <i>before</i> this visit here?	1	2	3	4	5	6	7	
B. How well-balanced do you feel <i>now</i> ?	1	2	3	4	5	6	7	
C. How stressed did you feel <i>before</i> this visit here?	1	2	3	4	5	6	7	
D. How stressed do you feel <i>now</i> ?	1	2	3	4	5	6	7	
E. I felt attentive or able to concentrate <i>before</i> visiting this site.	1	2	3	4	5	6	7	
F. I feel attentive or able to concentrate <i>now</i> at this site.	1	2	3	4	5	6	7	
G. I was happy or pleased <i>before</i> visiting this site.	1	2	3	4	5	6	7	
H. This feel happy or pleased <i>now</i> at this site.	1	2	3	4	5	6	7	
I. I felt elated <i>before</i> visiting this place.	1	2	3	4	5	6	7	
J. I feel elated <i>now</i> at this site.	1	2	3	4	5	6	7	
K. I felt angry <i>before</i> my visit here	1	2	3	4	5	6	7	
L. I am angry visiting this site <i>now</i> .	1	2	3	4	5	6	7	
M. <i>Before</i> my visit to this site, I felt sad.	1	2	3	4	5	6	7	
N. Right <i>now</i> I feel sad at this site.	1	2	3	4	5	6	7	
O. I was fearful of this site <i>before</i> my visit.	1	2	3	4	5	6	7	
P. I am fearful of this setting <i>now</i> .	1	2	3	4	5	6	7	
Q. I felt calm <i>before</i> this visit here.	1	2	3	4	5	6	7	
R. I feel calm <i>now</i> .	1	2	3	4	5	6	7	
S. I felt restored or relaxed <i>before</i> this visit here.	1	2	3	4	5	6	7	
T. I feel restored or relaxed <i>now</i> .	1	2	3	4	5	6	7	
U. My thoughts were clear <i>before</i> this visit.	1	2	3	4	5	6	7	
V. My thoughts are clear <i>now</i> .	1	2	3	4	5	6	7	
W. <i>Before</i> visiting this site, I felt alive and vital.	1	2	3	4	5	6	7	
X. I feel alive and vital right <i>now</i> .	1	2	3	4	5	6	7	
Y. I felt alert and awake <i>before</i> this visit.	1	2	3	4	5	6	7	
Z. I feel alert and awake <i>now</i> .	1	2	3	4	5	6	7	
AA. I felt energized <i>before</i> this visit.	1	2	3	4	5	6	7	
BB. I feel energized <i>now</i> .	1	2	3	4	5	6	7	

9. And some questions about you!

E. What is your gender? *(Please check one)*

- Male
- Female

F. In what year were you born?

Year born: _____

G. Do you live in the United States? *(Please check one)*

- Yes → (What is your zip code? _____)
- No → (In what country do you live? _____)

H. How many people are in your personal group during this visit, including yourself?

_____ Adults (age 16 years and older)

_____ Children (under the age of 16)

(Please go to question #10, next page)

10. Your comments about management of Lake Roosevelt NRA.

Please use the space below to write any additional concerns or comments regarding how to improve the recreation experience at Lake Roosevelt NRA.

Thanks again for your participation in this study!

Please return this completed questionnaire to the researcher when finished.

For office use

Date of survey: _____

Site: _____

APPENDIX D: Visitors' written comments

Visitors were given the option of writing any additional concerns or comments regarding how to improve the recreation experience at LARO. There were more than 300 distinct comments.

Visitor Written Comments

1. More Swimming Area
 2. Showers would be great!
 3. Raise more Walleye!! Put in more fish cleaning stations. In the fall, tend to docks at boat launches better.
 4. Keep up the good work.
 5. We find the NP very clean. Would like to see more ranger programs but overall well done. Keep the trees and vegetation well maintained. Keep the site as is not too crowded. We avoid long weekends as it does get crowded then for the amount of facilities.
 6. No comment. I think it is regulated fine.
 7. Ban jet skis. More campgrounds (developed and shore).
 8. I would like to see improvements made to the day use area at Evans. I would like to see running water restrooms at Marcus island and North Gorge. Would be nice to have wood available for burning (campfires) at campgrounds.
 9. Provide a swimming area. Stock lake with more fish. Put toilet seat covers in restrooms.
 10. The only problem I find is available parking. I feel there isn't enough.
 11. No forest rangers during visits. People pick up garbage sometimes and bag it up and leave it up high on shoreline for park service to pick up. People have been ticketed for this- that is wrong.
 12. Very first visit. My current picnic table is scarred and worn. Otherwise it seems a scenic and beautiful place.
 13. USA- Evans Campground or Kettle Falls Washington enjoyable to camp. Prices reasonable. Like on site hosts. We live in Canada 1.5 miles from the border. Lake Roosevelt camping only \$10 night, in Canada is \$25.30 for some services. We like that it's not busy, fairly quiet. Also enjoy going into Colville to shop & eat. Enjoy Lake Roosevelt!
 14. Have showers in restroom, more space for vehicles, more firewood!
 15. More L.E. patrolling waterway & officers on front at high visiting areas camps/beaches for deterrent to problem. Get camp host that are people friendly & go back to first come at campsites & no reserving.
 16. I love you :) (smiley face)
 17. There is a lot of littering! Bathrooms would be nice and more beach access so it would not be so crowded.
 18. Garbage cans so people don't throw their trash on the ground, or if they do someone else can throw it away. More beaches.
 19. We love this place; this is where we always go camping at. This is the first time we have all come camping on the 4th of July most of the time we come during a non holiday week.
 20. During holidays it would be nice to be able to make to reservations to avoid people putting up camp weeks ahead to get a spot.
 21. I would like to see more wildlife here, less generators, and less motor traffic. More programs to educate about wildlife and the environment and how to protect and preserve it.
-

22. We have camped at several of the campgrounds in our area. We are far enough from home to feel "away" but close enough to not spend a lot of gas. We love camping, fishing, boating, hiking, biking, etc. We have 12 children and live multi-generational. There are grandparents, parents, cousins, brothers and sisters. We enjoy getting away and being with our group doing something different. We enjoy swimming and visit several campgrounds all summer long. Thank you.
 23. Showers in restrooms. Soap dispenser on wall in bathroom. Willing to pay for shower .25 for 5 minutes. Loop 2 is too crowded. It is beautiful & clean. Camp hosts and rangers are very friendly! My family and I will continue to visit Kettle Falls. Would like a bigger swimming area.
 24. This is my first visit. Just a little crowded in the campground for my personal taste. Some loud music was bothersome one evening. Music is fine, but it was too loud.
 25. Would like to see showers in the campground. Website should say no showers!
 26. I'm not too picky, but exponential population growth tends to make places more crowded. Good luck with all your hopes and dreams :)
 27. More clearly marked postings for private reserved campgrounds. Walkie talkies for emergency purposes when hiking/other activities.
 28. Restrooms available so human waste is not as big an issue.
 29. The level of usage and maintenance seem in balance for me, however I do not frequent Lake Roosevelt often enough to be an excellent source of information. Thanks!
 30. Would like to see a better swim area at Kettle Falls campground. Otherwise great place to camp.
 31. There is so much open area for campers and boaters to find places to recreate. This place is amazing!
 32. Fantastic facility, one of my favorite in the nation. Cabins on the river are not a distraction, and actually lend to sightseeing. Park service is present but not obtrusive!
 33. They need a ready lane so people can get in and away from dock and Police it
 34. Looks good today
 35. I feel there needs to be more beaches for people to visit. More bathroom and trash facilities. I think that adding more places for people to visit the lake would help the economy and produce more jobs. I also think the level in which the water usually is at this time of the year needs to drop.
 36. It's cool. Needs bathrooms and garbage cans.
 37. Glass, we should all pick it up.
 38. The amount of broken glass I have observed on beach area when water levels were down was a real eyesore. Maybe get more patrols to monitor people and the shit they do!! Thanks.
 39. Prefer the campground like Hunters or Keller's Ferry. Will not return to Kettle Falls Campground.
 40. Well I am having a great time with my family at Roosevelt lake.
 41. Allow 2 people on board from your group during houseboat walk through.
 42. The trip was awesome! Wildlife was great! Beaches were nice and clean! A great experience (something I can't make out) I'm sure!!
 43. Need more regulations for Canadians dumping waste into our rivers and lakes. Put out more information on waste being dumped into the water.
-

44. Wonderful experience, Thanks. Very little change.
 45. Lack of maintenance and lawn care is noticed by many. Summer water level too high to have any beach. Lack of programs offered, no swim lessons or amphitheater shows.
 46. Need showers! Riverside park not enough campsites. Don't like reservation system.
 47. More toilets
 48. We've camped at different grounds on Lake Roosevelt for 5 years and it has always been a good experience (so much better than state parks).
 49. Maybe a kid's play area would be beneficial around the lake. Always enjoy staying for the day. We heard the fees are very reasonable which is nice.
 50. More boat docks at campgrounds would be nice. Don't like it when water is all the way up. Not enough beach to camp, play, swim, etc.
 51. Keep it clean. Restore the salmon runs. Be sensible.
 52. Hot showers would be great. Limited to no use of loud generators, very distracting and bothersome.
 53. Keep it rural yet accessible for several groups to enjoy.
 54. Thank you. It is beautiful here.
 55. We have been coming here for over 20 years. The one thing I would like to see improved is generator noise. I would suggest that you provide electricity or designate sites that are generator free!! I think the sites on the lakefront should be generator free. We come here to enjoy the peace and "quiet". Another idea is to have to pass a dosimeter test. Some of the new generators are quiet, but I believe I need hearing protection currently.
 56. The swimming area is unacceptable. There is no sandy beach and the water is not okay to swim in. Lots of mosquitoes.
 57. More docks, less commercial business (houseboats).
 58. We don't know what it is like to be truly crowded on Lake Roosevelt.
 59. My only issues are the parking at Kettle Marina and the water being too high in spring. I don't see a problem with the people at Rickey Point or Sherman Creek. Make paved parking pads wider.
 60. Keep the water level about 1285
 61. Definitely more beach. This means more privacy for people.
 62. We enjoy this park and have for years.
 63. Lack of beaches.
 64. I've enjoyed my visit. Keep those shores as they now appear!
 65. More campgrounds that are reservable that accommodate larger rigs on the lake.
 66. More education on Discovery passes.
 67. The reason I chose not to camp on NRA campgrounds was because there were no showers available. Those are needed. Beautiful lake!
 68. Keeping the water too high spoils the fishing and wipes out beaches. It would be nice if water could be kept at certain level.
 69. Improve grassy areas near lake level around boat dock. Tenting and kids with bare feet would be safer and more comfortable.
 70. Low water levels for extended periods of time and extremely high levels. More regulation of jet ski/ wet-bikes use. Set up areas just for their use. Keep from campgrounds and shores.
 71. Can't think of any. The hosts were very accommodating where-in dealing with the national
-

- office was an experience of bureaucracy in regard to a request to move sites.
72. Hot men, no shirts. More milk and cheese. More private campsites.
 73. Like the new bathroom at group camp beach.
 74. Generally very pleasurable experience. People are courteous and friendly as a rule. Occasionally overcrowding is an issue for me, but my idea of a good setting is no other people. Overall good experiences.
 75. Less regulations. Private docks need to be brought back to the homes and cabins on the river. No dogs!
 76. Dogs! Dogs! Dogs! Grrr!
 77. Personally I go to beaches to relax and enjoy summer without too many people. I do not like going to beaches where people are drinking lots. Thanks.
 78. Litter at dispersed and undeveloped sites is a big problem. At developed sites it is much better due to trash receptacles.
 79. Nice work. We weren't here to camp yesterday, but we did observe 2 campgrounds were full. I would be nice to have more sites available to distribute congestion. Thanks.
 80. Get rid of the ants!!!
 81. Loved it!
 82. I moved here November 2010. This is my second visit to KF to launch and cruise on Lake Roosevelt. I haven't felt crowded on the water even though today is busy. I think there could be more parking but overall I like the facilities.
 83. Fish cleaning stations at other ramps would be nice. Fish cleaning stations get plugged and then it is a mess.
 84. Don't like to inhibit people's activities but excessive drinking and late night noise is bothersome when trying to relax and enjoy area.
 85. Park Service Law Enforcement can be very chickenshit
 86. How about developing "Full Hook-ups" and charging more for those? Reservation only. Love to have more info on budgets and how tax dollars are used and how much is self support.
 87. Swimmers itch
 88. I feel very strongly about visitors letting their pets run and not pick-up pet waste. I believe the camp hosts should take better control of this.
 89. Plant new trees to replace ones taken out; have firewood available for purchase
 90. Are there non-pesticide ways to deal with mosquitoes? Drainage improvements? Water level management at certain times of year? Vegetation management? Biggest human-caused problems are fish hooks and broken class. Recycle bins at Locust Grove/Kettle are overflowing. Restroom facilities are usually in good shape. Thanks for your efforts.
 91. We are locust grove group campsite - The mosquito population is so large it is a concern for us, since we bring youth. They receive so many bites despite the amount of bug spray that we utilize.
 92. This is my first time here, just stopping by. Great place though, wish it were near me. Thanks for trying to improve it. P.S. - Can you pad the benches for my uncle, because they are as hard as wood. :)
 93. More trash cans available @ all the beaches would be great. The privacy is wonderful and I don't feel that public restrooms are an issue. I love the fact that the shoreline is natural and not available for development. Keep up the good work!
-

94. The water level fluctuates too much. The water level is too low or too high.
 95. Everything is just fine.
 96. We are self contained by sites with electric and water hookups would be nice - Paid showers in the big restrooms would also be convenient. We are thankful for the trailer dump and water. More docks so that you do not have to pull the boat out most nights would be more appealing.
 97. Hard to find beach space from high levels. Not enough buoys and warning for high island bars and rocky and sea weeded areas.
 98. Hawk Creek outer bay could be a no wake zone to prevent erosion & allow boat campers to a quieter place to stay.
 99. We have only been here one night but camp host was very friendly.
 100. Why does the level have to go up and down at such extremes? Makes finding any beach very hard. Can't plan.
 101. We find the use of jet skis annoying. They are noisy & often race around people trying to fish. We observe this frequently just north of China Bend Boat Launch. No jet skis above North Gorge. :-)
 102. Please do not set up a reservation system for this area. Camp hosts (friendly approachable reasonable people) are an important aspect of camping. Most have been exception, some terrible over the years. A wonderful camping experience.
 103. Management is OK. But would like to see showers also electrical hookup for handicap areas. Also more handicap sites.
 104. Mosquitoes infesting campsite
 105. Improving the Lake for visitor use in any way is acceptable to me. Restricting visitor use would be unacceptable.
 106. There are a few places along SR25 that could use more access to the Lake. Some camp grounds have too few campsites, with poor swimming access.
 107. Grand Coulee Dam needs better management so the water levels stay more together.
 108. In the photos people are sitting on their boat trailer, people could speed up loading and unloading their boats by doing it in a timely manner. Education in this area would be very helpful.
 109. The beaches are nice when they aren't really crowded like what was shown in photos 5 & 6.
 110. We come to Kettle Falls to camp & fish, never have a problem here. Everyone we have met here has been nice friendly & are campers like us. Thank you for a nice stay, Ted & Jean Axelson, Deer Park, WA
 111. [Written comments from throughout survey] Parking at boat ramps is only a problem during tournaments; Private owners should have to contribute to restoration of their shoreline
 112. A wonderful full-serviced campground with excellent views, and clean facilities. Concern: A showering facility would be more attractive and would make things a little nicer for Evans Campground.
 113. I appreciate the developed campsites and day use areas. I also like when water is lowering being able to enjoy lake on undeveloped beach areas. I love beach camping and it seems most people are respectful and carry in-carry out. We have friends at a cabin at Ricky Point and have often enjoyed spending time at their cabin. In general I like the lake as it is, but do prefer the water to be a littler lower.
-

114. More grills for day use.
 115. Please reopen the pump house!
 116. Evans is my favorite because of the areas of green grass, the nice bathroom facilities and the toys for the kids. The other campgrounds seem to have more dirt and not such nice swim areas. As a parent of young children it is nice to have a clean swim area at the campground.
 117. More public beaches; More overnight campgrounds; More boat launches; More large group camping; More spacious campgrounds
 118. Washroom facilities are very unclean, needed daily cleaning and maintenance. Lack of paper towels and hand soap.
 119. Make trash cans a little more handy; Mooring for boats to tie up and camp. Edges of river, not having to beach boats.
 120. I strongly believe in providing areas like L. Roosevelt for all the public. Privatization of these areas is most unacceptable only allowing for the wealth off. We are a growing nation and our children and grandchildren should have opportunities to use the entire area. We need to preserve and keep this beautiful area.
 121. Firewood available for sale; Swimming beach at campground area; More recycling available (glass, plastics, etc.); More use of amphitheatre
 122. My wife and I have been coming to Lake Roosevelt for years and find it very enjoyable. I do think the water levels should rise earlier in the season and more dog friendly areas would be nice. Also the campsites are always very clean and affordable. Keep up the good work.
 123. We came on a day that there wasn't access to the normal picnic area. But an alternate was provided which was lovely. The lake is lovely, peaceful and clean. I liked to see others using the area, sharing that others enjoy the outdoors, and recreation. Unfortunately since we haven't seen developed facilities I can't comment on how to improve facilities provided.
 124. Beautiful setting. Would like more beach access. Great use of natural restrooms.
 125. I like it the way it is now.
 126. I wish there was more public campgrounds and public beaches in the area.
 127. Would love to see more of a sandy beach available for kids to play on. I have camped here for over 20 years at Evans CG and I still love it!
 128. We're having a great time.
 129. I am so blessed to live near the Evans Campground and I enjoy it year round.
 130. I really hate the raised RV sites, being 60+ they are dangerous and inconvenient, also they alienate the RV campers from the five and tent area. That's the biggest improvement to Roosevelt campgrounds would be to doze over the raised RV sites and make them all ground level making them safer and more convenient.
 131. (1) Some floating docks for fishing when the water is high would be great. Hard to get to the deeper water from the bank. (2) Not enough bait shop for convenience services along shore. Closer facilities of that nature would vastly improve the trip experience. (3) Stricter enforcement for people leaving trash along shoreline. Floating beer/soda cans and empty worm containers are unsightly and bad for local wildlife and fish in lake.
 132. Crack down on litter bugs.
 133. Please lower the water. No beaches this year is unacceptable! No fun!
 134. Shoreline garbage increasing-should maintain dogs not on leash- should require. But have
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- more public input on rule and regulations changes before just implementing new requirements. Enforce current laws.
135. Water levels really
 136. Cleaner Beaches-additional facilities i.e. restrooms, restaurants. Better Access to waterfront- beaches.
 137. No generators and more shower facilities.
 138. Mosquito Control
 139. I think Evans campground and facilities are great. We come here because the US campgrounds and services are the best. Prices are excellent, and park staff and hosts are great. The paid park ranger is a complete dick though. He is on a power trip.
 140. Washrooms are adequate and very clean. Showers would be fantastic and I would willingly pay for this. Thanks greatly.
 141. I love this campground. It is well maintained, usually never overcrowded, and clean. I feel that it should/could not be improved.
 142. Looks good to me. I always think this area is beautiful.
 143. Reduce draw downs. Increase fish. Promote clean camping so people can continue to enjoy this resource with minimal fees and paperwork.
 144. I feel that pets should not be allowed at the day use places. It is not fair to the ones that don't have pets here.
 145. We live in SW Washington. We come every year to this part of the state to visit family. Lake Roosevelt is a high light of our trip. My brother in law has a house boat. We love skiing and enjoying the lake.
 146. There are too many unnecessary rules. There is no need for all the restrictions, didn't have problems without laws back in the day. Too much control.
 147. Post a phone number to reach camp host or ranger during off hours. Provide some firewood. My area could have used a bit better cleanup before I occupied. Cigarette butts all over the area. More frequent ranger patrols during nighttime hours. On the plus side, I really appreciated the clean restroom and flush toilets. Also found the hosts to be congenial and helpful!! Thank you!!
 148. Showers, soap use in restrooms.
 149. Add shower facilities at Kettle Falls campground. Family has been asking for over 50 years. Replace sign at Locust Grove telling history about apothecary shop and candy store. We haven't see any rangers the entire time (4 days) I've been here [at Kettle Campground-participant told me this was specific to the campground]
 150. Would like a disc golf course.
 151. Stricter leash laws, I love dogs and don't mind them being here, but they need to be controlled better, and more public restrooms.
 152. We always enjoy our visit and camping here at Evans! Haven't really tried other places. Thank you!
 153. Don't Change--Well Done!!!
 154. Showers, electricity, dogs off leash
 155. Too many beach restrictions at low water levels
 156. Showers would be good. If swimming could be improved. In Trail the engineers bring in sand to make beach access.
 157. Showers in the restrooms. Sites that are larger for motor homes or cars with boat trailers.
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158. Bring back ATVs during low water times. Wish that more day use and dispersed camping (no fee) was available. Not blocked off.
 159. I like nature untouched.
 160. Perfect!
 161. No problems with management.
 162. This is a manmade lake.
 163. I believe here at Rickey Pt. there should be a garbage can for the people who bring trash so it is not left behind as an eyesore. Also a small restroom should be here so you don't have people going in the water or behind a bush. Thank you.
 164. Beautiful weather and surprisingly quiet on such a nice day.
 165. Visiting with relatives today. We have been on a houseboat vacation 3x previously. People are more important to me than the site.
 166. Go Huskies!
 167. Getting rid of the swimmer's itch and follow the rules of not holding sites if not occupied for 24 hours, which has been very bad at Evans.
 168. Provide firewood at a good price and a playground for the kids.
 169. A swimming area at the KF campground would be great. Maybe north of the fish docks. Coming to KFCG is always soothing and gets us back on track. We have been coming here since spring of 1974 (32 years). We love this lake and the KFCG and the Marina.
 170. Website was great. Tom of the Kettle Falls office was extremely friendly and helpful. Probably responsible for my decision to come here. Thanks Tom.
 171. Clean the lake up!
 172. No concerns at this time. The beach is nice, site is nice, good family spot
 173. I love this area just the way it is - we don't want any further or change to it.
 174. Lake Roosevelt should be left the way it is. It is fine/perfect.
 175. Lake Roosevelt is an excellent recreational area. The only way to make it better would be to return it to the Columbia river as it was originally meant to be. Anywhere is better left in its natural state.
 176. My family and I completely enjoy our lake front experiences here- it would be nice to have a changing area (screens?-no building necessary)
 177. Lake Roosevelt is well kept & well maintained. Thank you! We are pleased and thankful to have this as a peaceful refuge.
 178. Very nice site I am enjoying myself. I DK about changing anything around here just yet. - Install showers - 4th of July movies @ amphitheater - Grade the sand at public beach
 179. Fish ladders to allow salmon to return to their traditional spawning grounds (i.e. grand coulee dam) this would be a spectacular addition to the recreation.DR51
 180. More water faucets, showers, power hookups, swimming/beach areas, eliminate invasive vegetation at campgrounds. More primitive campgrounds too so there are less crowded campground areas (tent only?). I work on Lake Roosevelt so my answers may be different :)
 181. Please prohibit the use of generators, they are most unpleasant when trying to enjoy the serenity of the outdoors (not to mention being woken up by their obnoxious noise)
 182. They need to put stairs down to the water at all campsites or pathways that aren't really steep. You lose a lot of people due to no shoreline access for fishing.
 183. More clearly outlined reserve boundaries. Lock and key structure for secure items at
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- reserve sights/trails. Distress alerts at camps/sites in case of emergency.
184. Place to wash off would be nice.
 185. I love the fact that all the beaches here are accessible to everyone. I love how peaceful it is here and how few people are here. It is beautiful here I wouldn't want it to change.
 186. More campsites. Need more water faucets available for campsites and day use.
 187. The only thing I don't care for is the people that bring their dogs without leashes and let them roam around the beach. It is highly annoying, because my children do not like dogs.
 188. We need some cans for beer cans/ sodas and plastic/beer bottles. And some bathrooms.
 189. Camping fees okay, garbage service needed at every publicly accessible beach entry/ parking lot.
 190. Rickey point is a nice place to be but we really need bathrooms and trash cans.
 191. Bathroom could be cleaner. Coin operated showers would be welcome. Bathroom design and equipment should take into consideration that campers stay overnight and have more hygienic consideration than those visiting rest stops. Light from bathrooms is annoying. Some solar powered lights on the ground next to the road and near bathrooms would be better than light pollution from the bathrooms. I would pay more for more.
 192. Need more camp area and boat dock area for overnighiting. Also more fuel docks.
 193. More launch sites. Nicer public restrooms.
 194. I love Washington state parks, rivers and lakes. Thank you for providing outdoor experiences.
 195. Really enjoyed our time. Nice setting and boat.
 196. Everything was awesome- a wonderful experience. Thank you!
 197. Being on Lake Roosevelt is the greatest! It's always got a new adventure everyday! Being in the sand and looking at the views is the first thing that I look forward to every summer! There is no place like it or at least that I have found.
 198. I would like to see industrial generators use in Evans banned. Only quiet generators to be used and only in certain hours, like 8 to 10am 12 to 1 pm and 6 to 8pm
 199. We usually boat camp south of Hunters due to nicer sandy beaches.
 200. Beautiful area! Well maintained park/facilities.
 201. In locust grove here they could use some restrooms. A few picnic tables. Maybe a few camping sites would be nice along the river! The Columbia river is an awesome place. In summer I come every day to bring kids to swim after work and relax myself!!
 202. The beaches here need to be cleaned more often. I pick up Colville Flats often myself.
 203. I would like shower facilities.
 204. I love this lake, the views are exceptional, it is "out of the way" yet close enough to home. The lake is my "happy" place.
 205. Limits on generator use would be preferable.
 206. First visit to Kettle Falls camping. We generally camp off season. Love water views- Lake Roosevelt in total is a favorite. We also camp host at WA State Parks. Parks are clean and well maintained. Thanks.
 207. Add some hookups.
 208. Firewood to buy, showers, limits on generator use in campground, larger campsites.
 209. Have the water level be up in June. Do what you can to keep garbage off the shoreline.
 210. Lighting at Gifford boat launch would be nice for night launching. Would be nice if more of the local campgrounds had a place to dock your boat when visiting. Water for hand
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washing or GermX near the restrooms (hand washing station).

211. Showers would be nice.
 212. Showers, ant control, more space between campsites, soap dispensers in the bathrooms, vending machines, more historical facts about Lake Roosevelt/area, more bike trails, dog beach
 213. Better bathrooms. More shallow area for kids under 4 to play.
 214. A very pleasant, not very developed lake recreation site. Nothing fancy but serviceable. Very little beach to use because water is so high!
 215. Need to put more play areas for children so we don't have to leave campsite for rec. things. A place for children to swim and fish from the shore.
 216. I would love to see garbage cans placed down at beach or at ends of pavement pathways closest to beach. Every time I come here or any beach at Lake Roosevelt I found myself picking up litter. Maybe even fines for litterers!
 217. I grew up around here and this is my home. I absolutely love it here. It is my home away from home. Nothing should change cause it is amazing here. Thank you.
 218. Showers in washrooms. Used to more trees in our campsites in Canada. Easier to get into campsites in this area. In Canada from July to the end of August almost all sites are prebooked. We find Americans very friendly and helpful. Pleased to visit America (USA) anytime.
 219. Not enough information about rules and regulations. For example, we bought the Discover Pass to camp here, but we found out we didn't need it.
 220. We are having a hard time finding a restaurant for dinner in Kettle Falls! No big deal! Great place to visit.
 221. There is a dead tree within range of falling on the bathroom and/or tents. It would be a great improvement if there were showers installed in the bathroom.
 222. This park should be recycling cans, bottles, and selling firewood! Also there should be children's activity sessions and adult info sessions. This questionnaire should have covered more of this area and not so much of the emotional, unnecessary, and inappropriate areas. Too much of the same type of questions. I don't feel like this questionnaire was improving the needs of the park.
 223. Soda machine, new toys for playground, bigger beach area, more outlets to charge electronics, bigger field area for recreation.
 224. Not enough sandy area, no picnic benches and there are drop offs in the water.
 225. Leave the beach lower.
 226. They could do a better job of regulating water level, it seems either too low (dangerous) or too high (no beach at all). Dogs should be kept on leash and out of swimming areas (beach and water). I love the natural beauty of LRNR and hope it never changes.
 227. Why did you put a gate up at the pump house if you are worried about overcrowding and access?
 228. Put the floating restrooms back in the cove where they were last year.
 229. Please continue to (?) to keep these places as great as they are. Thanks to all of you.
 230. It is a great place to visit.
 231. Great place
 232. Maybe a better play area for children; bathrooms are nice and clean
 233. Some way to maintain water levels to improve fishing
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234. Wasp nest on plank dock!
 235. Really no suggestions
 236. This was an interesting survey. We really enjoy visiting here. It is a good place to enjoy the water and beach. We like the improvements yet are glad they are minimal so we can focus on the Lake and surroundings.
 237. Having weather reports available; having information about firewood.
 238. The mosquitoes are very bad. Worse than in the past. Nearly ruins some activities. Too many bites can cause medical issues. Not to mention West Nile virus. The grounds are nice. We had problems with power going out for hours at the group camp. No lights. I think there is a short circuit.
 239. Lake Roosevelt is beautiful and peaceful. The beach at Bradbury is very eroded this summer, but still a wonderful place. The natural cherry and apple trees are also a treat.
 240. None to think of at this time!
 241. Camp host is a bonus to keep rules in order.
 242. Adding private showers would be a nice addition - even if they were coin operated.
 243. Far too many generators; Too many people in a small campground; Would like to see more natural environment.
 244. More managed water levels so there are beaches the entire season.
 245. The lake level has been so high that we haven't been able to find a beach to put our boat at. This is our favorite activity so we're disappointed. :-)
 246. I would better enjoy myself if signs were posted asking people not to smoke at the beach (around children) and if people were compliant. Thanks.
 247. More beaches; needs more hiking trails
 248. More bike trails would be nice
 249. WE WANT SHOWERS! I wish there was no more people bugging us about surveys.
 250. Mosquitoes are bad :-) Description of group site online was misleading (not on water)
 251. Fresh water spigot would be nice.
 252. Could use more BBQ pits, tables, garbage cans; People take the tables out to dock, concerned it may be left in water and someone could jump or dive on hidden table underwater.
 253. Less trash!
 254. It's a great place.
 255. I'm concerned about rattlesnakes.
 256. I have traveled the USA and have just spent 4 years on the east coast. My kids begged us to come back to WA to their home. We have no regrets. This place is beautiful. Could use a shower to wash off before long ride home.
 257. It would be cool if you could lower the water some so we would have more beaches.
 258. The camp ground is very clean the people seem happy here.
 259. Showers would be nice.
 260. This facility is very nice. I like the pavilion and we use it often. I also like the new floating restrooms that have been added south of this area. It would be nice if there were less restrictions i.e., fire, camping at undeveloped sites
 261. Needs more rental equipment. Came here to kayak but didn't get to. Also needs better swimming area. Otherwise, very relaxing place.
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262. I would enjoy the pump house to be reopened.
 263. More beach area would be nice; Cleaned up more; More sand and better grass area; More picnic tables
 264. Lake Roosevelt was a wonderful place to come and relax. I wish there were more places in Stevens County like this.
 265. I feel camping sites should also offer electrical sites. Maintenance of sand shores should be filled in to prevent mosquito breeding areas.
 266. It is beautiful here!
 267. Established lakeside trails would draw me to stay longer. A small area for RV partial hook-ups might see me here for a long term stay.
 268. This is only our 2nd visit to Lake Roosevelt NRA in 34 years. The first time we had our 3 children with us and we were near Coulee Dam. The children were 6, 8, and 10 and they enjoyed it very much especially the nature talk. They also liked the nature trails except where signs said "Watch for rattlesnakes".
 269. My family has been returning here over the last 40 years and very much enjoy how this area is managed and the personable staff. Great job and thank you.
 270. I believe we need these places.
 271. I feel it should have: More grassy areas; Not so tight RV pads; Cleaner washrooms; Showers!; More mosquito control; Why there shouldn't be a higher price when you prebook on line (reservations) and the NRA already has money in advance - NOT FAIR
 272. Security be more visible; Patrols of campgrounds; Showers to be available; Have recycling bins by garbage bins
 273. Get rid of the swimmers itch at Evans (best camping site); Swimming area at marina; Power hookups so we don't have to listen to people's generators all night! :-); Soap in bathrooms; More educational programs at theatre
 274. Been camping since a small child here. Great memories! Nice weather/beaches! Always a nice holiday!
 275. Rails for people to walk down to the beach
 276. This is a very nice area. The only suggestion I have is to monitor the area to control/manage alcohol and drug use.
 277. Kill the yellow jackets! I was stung 7 times! Add back at least one more boat dock. There used to be 3 here.
 278. Very pleasant, not crowded at all compared with the reservoir back home.
 279. Needs safe access to cross the highway for hiking.
 280. I think who ever manages this lake needs to be replaced. The lowering of this lake is not good management for all the wildlife, especially the fish. We need better management of the levels in this lake.
 281. It meets all our needs.
 282. I love this place hope you don't change it! We also love Haag's Cove.
 283. The River is wonderful and I love summer time to come and swim and relax. It is GREAT for my kids. :-) Thank you!
 284. It works well. I live here, I love this place. I wish there were more beaches.
 285. Park pigs ain't cops! They don't deserve the responsibility
 286. We would love to see hookups for camping and showers.
 287. My only concern is the disrespect some people show to the campground rules. This will
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always be a problem, and I don't know of any way to improve it. Respect begins at home and apparently some families don't teach it! More fish cleaning stations would be appreciated.

288. The lakes, trees, beaches, etc. are our natural resources, yet the State of Washington has assumed ownership of most of these and feels free to charge a fee for the privilege of their use. I could be just as happy without the improvements and without the fees.
 289. Shower would be great!
 290. Please do not increase any launch fees or add regulations that are not already in place. No New fees and enforce laws already on the books.
 291. Vessel inspection prior to launch once a year. For illegal septic dump systems.
 292. I've always loved the open space, not crowded. Boat up to a beach and have 300 yards between you and the next group. Natural beauty. That being said, some improvements would be welcomed. Better facilities- bathrooms- at the public areas-better docks, boat ramps.
 293. This is a beautiful lake! The facilities are nice and I appreciated having a place to rinse off with clean water.
 294. Showers and electricity would be nice to have.
 295. Agreed to do survey but then did not complete it.
 296. Need showers, hot water, soap
 297. They need to have shower house- if they don't already- I have not checked all the buildings. The beach area is very nice- the kids love it!
 298. Clean, safe, enjoyable!
 299. I like the improvements that have been done at the different sites and they are well maintained and garbage free.
 300. 1. Public beach areas should be no wake zones. 2. Speed limits around the public beach areas should be enforced and monitored. 3. More bathroom facilities on shore. 4. More boating restroom sites on water so public beach areas are free from too much boat traffic. 5. More walking trails along shoreline. 6. More garbage cans (e.g. Rickey Point). 7. Restrict use of fast boats and ski-doo's to areas where speed is not a safety issue for children/swimmers/and other beach visitors. Pick up dog pooh! Signs to clean up after your dog! 8. Organize volunteer cleanup crews.
 301. Very beautiful lake.
 302. Awesome- 1 more toilet would be nice!
 303. Include some electric and water sites.
 304. Indoor showers, firewood for sale, level camping sites to park car, but still a great place to camp. Thank you, Peter.
 305. We need a Frisbee golf course here in Stevens County
 306. Maybe have a safety light on the playground-motion generated for when it's dusky. Cut the grass at the tent sites.
 307. I like clean and natural place without the facilities that attract all the people. The quieter and more untampered, the better!
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