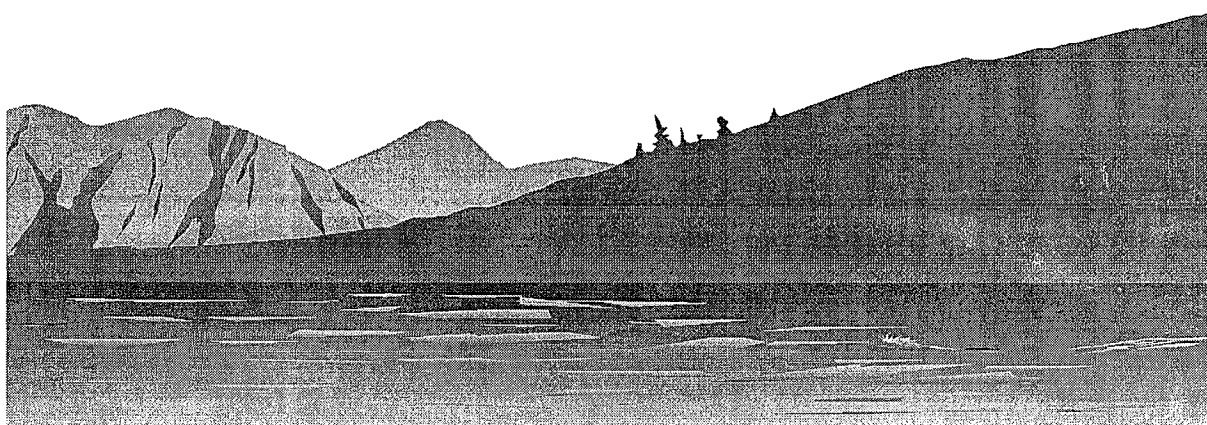
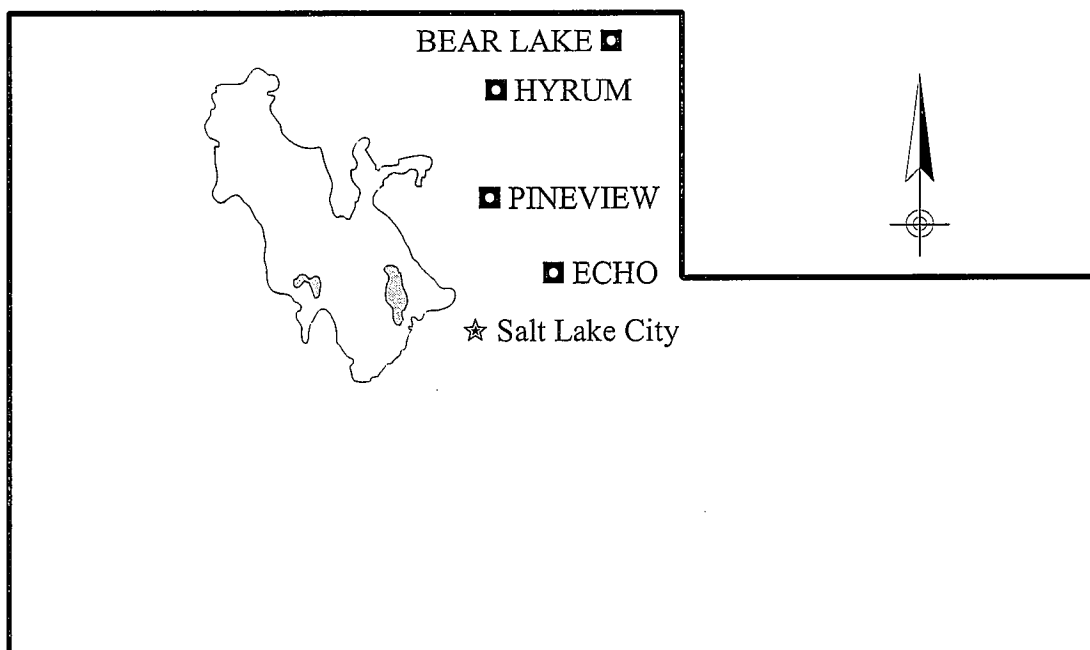


A Summary Report: 2001 Utah State Park Boater Intercept Survey



Institute for Outdoor Recreation and Tourism
Utah State University
Department of Forest Resources
Logan, Utah 84322-5215



Study Reservoirs Locations

A SUMMARY REPORT: 2001 UTAH STATE PARK BOATER INTERCEPT SURVEY

prepared for:

Utah Department of Natural Resources,
Division of Parks and Recreation

authors:

Doug Reiter

Dale Blahna

Mert Redmond

Utah State University

Institute for Outdoor Recreation and Tourism

Rosalind Bahr

Utah Division of Parks and Recreation

Professional Report IORT-PR-2002-1

March 12, 2002

TABLE OF CONTENTS

Preface	a
I. Introduction/Overview	1
Characteristics of Study Areas	2
Management Objectives of Study Areas	5
II. Methods	7
III. Survey Response & Boater Characteristics	10
IV. Lake Use Characteristics	15
Summary of Lake Use Characteristics by Lake	19
V. Visitor Use Characteristics	22
VI. Boating Satisfaction, Conflicts, & Crowding	29
VII. Visitor Comments and Recommendations	37
VIII. Summary and Management Recommendations	41
Interpreting the Results	41
General Results: Visitor and Lake Characteristics	42
Conclusions	49
References	52
Appendices	
Appendix A – Survey Instrument & Survey Schedule	
Appendix B – Respondents' Residence Cities	
Appendix C – Additional Comments	

LIST OF TABLES AND FIGURES

Table III.1	Survey sampling results	10
Table III.2	Weekday period sampling summary	11
Table III.3	Age group distribution	13
Table III.4	Gender and age characteristics by primary watercraft used and day of week reservoirs were visited	14
Table IV.1	Distribution of survey responses by type of day	15
Table IV.2	Type of watercraft at the different reservoir take-outs	16
Table IV.3	Amount of fuel used today	17
Table IV.4	Parking lot use levels	18
Table IV.5	Parking lot use levels by type of day	18
Table V.1	Number of people per group per lake	22
Table V.2	Activities that respondents participated in	24
Table V.3	Primary lake recreation activities at each location	25
Table V.4	Aggregate percentage of reasons people visited the different locations	26
Figure V.A	Distance Traveled to reservoirs	28
Table VI.1	User level of satisfaction with day's recreation experience	29
Table VI.2	If the actions of others reduced respondents' enjoyment while at the lake and, if so, the frequency that user enjoyment is reduced	31
Table VI.3	Amount of boaters respondents felt were on the lake	32
Table VI.4	Opinion of respondents on the need to put limits on the number of boats that can use the lake at one time	33
Table VI.5	Groups limited on the lake	34

Table VI.6	If respondents were not able to get on the lake because of use limits would they have gone boating elsewhere or done something else at the lake	35
Table VI.7	Other lakes where respondents would go if they were not able to get on the lake	36
Table VIII.1	2001 boater visitation by reservoir matrix	43

PREFACE

In an effort to better serve the public through improved management of water-based recreation areas, Utah Division of Parks and Recreation along with recreation researchers at Utah State University conducted a research survey of boaters during the summer of 2001 at four Utah bodies of water. The reservoirs selected were Hyrum Reservoir, Bear Lake, Pineview Reservoir, and Echo Reservoir. The objectives of this research were to gain insights into visitor's demographic characteristics, lake use patterns and characteristics, boating satisfaction and conflicts, attitudes toward use limits, potential alternative destinations, and comments and recommendations regarding park management. The following report summarizes the results of that research.

The following report is divided into eight sections with supporting documentation in the appendices. The first section, Introduction/Overview, contains background information relevant to understanding the results presented thereafter. It describes study objectives along with the physical characteristics of the study reservoirs. It also summarizes the Division's management objectives as described in the "State of Utah: Strategic Boating Plan" (Utah State Parks and Recreation 2000).

The next section, Methods, describes the survey sampling methods used to obtain the information necessary to conduct this research. The third section, Survey Response and Boater Characteristics, reports the survey response rate along with the results from the demographic questions asked on the survey instrument. The next section, Lake Use Characteristics, contains behavioral results such as weekend vs. weekday use patterns, types of watercraft operated by the respondents, amount of daily motorboat fuel use, and the parking lots' capacity patterns.

In the fifth section, Visitor Use Characteristics, summary information is presented regarding group size, type of water-based recreational activities the respondents participated in, reasons for visiting the reservoirs, and location of respondents' residences. Boating Satisfaction, Conflicts, & Crowding, the sixth section, summarizes survey questions designed to assess the degree of satisfaction with respondents' recreational experiences. It also contains summary data regarding whether the boaters feel that there are too many boats on the water and where they would go boating if they were unable to use the reservoir due to use restrictions.

The next section, Visitor Comments & Recommendations, summarizes the open-ended comments the respondents offered after the survey interview was completed. The last section, Summary & Management Recommendations, presents some of the authors' interpretation of the results and recommendations for further research. Appendix A contains a copy of the survey instrument along with a calender showing the dates, locations, and time day when the research was conducted. Appendix B supports the section on Visitor Use Characteristics in that it contains the frequencies of the respondents' cities of residence categorized by the reservoir where they were surveyed. Appendix C summarizes the open-ended comments coding scheme and also contains a complete text of all the respondents' comments and management recommendations.

The authors wish to thank the Utah Division of Parks and Recreation for providing the support and funding for this project. We would also like to acknowledge the Institute for Outdoor Recreation and Tourism at Utah State University for providing the support facilities and computers for data entry and analysis. Finally, we would like to thank the reservoir management personnel and State Park administrators along with the social science research technicians at Utah State University whose

dedication to collecting, recording, and presenting accurate and useful information made this research possible.

I. INTRODUCTION/OVERVIEW

The Utah Division of Parks and Recreation (referred to as the Division or State Parks) manages 48 parks in the state of Utah. Twenty-six of these parks can be characterized as providing water-based recreation activities. As assigned by the legislature in 1959 and documented in Chapter 73-18 of the Utah Code, the Division is responsible for the administration and enforcement of boating laws and rules on waters within the territorial limits of Utah. The popularity of water-recreation uses has grown over the past years and, along with it, management concerns over issues associated with an increase in recreation activities. Some of the water-based activities that occur on Utah's lakes and reservoirs include cruising in motorboats, fishing, sightseeing, picnicking on boats, waterskiing (which also may include tubing, wakeboarding, kneeboarding, scurfing, and riding an airchair), sailing, canoeing/kayaking, swimming, windsurfing, and riding on personal watercraft (PWC).

In an effort to better serve the public by improving the management of water-based recreation areas, the Division asked recreation researchers at Utah State University (USU), Institute for Outdoor Recreation and Tourism (IORT), to clarify the type and number of users, along with identifying the boating public's need and attitudes toward water-recreation use. USU recreation researchers along with the Division's boating and planning staff identified four lakes/reservoirs for this research: Hyrum, Pineview, and Echo Reservoirs along with Bear Lake. These four bodies of water were chosen, in part, due to their close proximity to metropolitan areas, heavy boat traffic, and diversity of setting characteristics. This research closely duplicates research conducted in 1999 at Deer Creek, Jordanelle, Willard Bay, and East Canyon (Reiter et. al. 2000).

A research technician from USU's recreation program was hired for the 2001 summer season by State Parks to conduct a boater intercept survey. The survey was conducted at seven different locations at the four reservoirs. The seven areas were located at the main boat ramps on the reservoirs: one ramp at Hyrum and Echo, two ramps at Pineview, and three launch points on the Utah side of Bear Lake. The broad objective of this research was to obtain information about water recreation regarding visitor: 1) demographic characteristics; 2) lake use; 3) use characteristics; 4) boating satisfaction and conflicts; 5) attitudes toward use limits and potential alternative destinations; and 6) comments and recommendations regarding park management.

Characteristics of Study Areas

Hyrum Reservoir State Park. Hyrum State Park is managed under an agreement with the Bureau of Reclamation and encompasses 714 acres with 450 surface acres of water. It is located in ten miles south of Logan, Utah on Highway 101 at an elevation of 4,700 feet. Game fish species consist of rainbow and brown trout, largemouth bass, bluegill, and yellow perch. Splake were introduced to the reservoir in 1998. Hyrum State Park has one developed boat ramp with a parking lot and day use area nearby. There are also public courtesy docks available. The park offers overnight camping facilities with 33 individual camping sites available and one group camping area. Four restrooms, one available with showers, are close to the boat ramp and the camping areas. A beach area, which contains a designated swimming area, a sand volleyball court, and restrooms is located one mile from the main boat ramp.

Bear Lake State Park. Bear Lake was formed 28,000 years ago by geologic

activity. At an elevation of 5,923 feet, Bear Lake is 20 miles long, 8 miles wide, 200 feet deep, covering about 112 square miles (71,680 surface acres). It is located on the Utah/Idaho boarder, 40 miles northeast of Logan on State Highway 89 and 30 miles south of Montpelier, Idaho. Sometimes referred to as the "Caribbean of the Rockies," Bear Lake has turquoise colored waters surrounded by white sandy beaches. The lake has four main access points managed by the Division of Parks and Recreation: Bear Lake State Park Marina, First Point, Rainbow Cove, and Rendevous Beach. Surveys were conducted at the Bear Lake State Park Marina, First Point (referred to as eastside south), and Rainbow Cove (referred to as eastside north). The Bear Lake State Park Marina area has a developed campground with 13 camping sites without utilities, restrooms, day use areas, 358 rental slips, and 22 public courtesy dock slips. The Marina ramp is concrete and 80-feet wide, able to accommodate five lanes of traffic. Rental boats are also available. Rainbow Cove (eastside north) has a concrete boat ramp with a courtesy dock, undeveloped camp sites, and two vault toilets. First Point (eastside south) is a day-use facility with a concrete ramp, courtesy dock, and one vault toilet. Bear Lake State Park is open year round offering ice fishing opportunities in the winter. The lake is well known for its midwinter dip net fishing during the spawning run of the Bonneville Cisco, a member of the white fish family. Other game fish species include cutthroat, mackinaw, and whitefish.

Pineview Reservoir. Pineview is located at an elevation of 5,000 feet in a mountain valley referred to as the Ogden Recreation Area about ten miles east of Ogden, Utah on State Highway 39. The reservoir consists of 2,870 surface acres that, from a bird's eye view, resembles an airplane headed down Ogden Canyon. There are two large bays (front wings), a main channel (fuselage), and two smaller bays (tail wings). Recreation management is under the jurisdiction of the U.S.D.A. Forest

Service, Wasatch-Cache National Forest. State Parks has jurisdiction in enforcing Utah boating regulations. Pineview has three launch and take-out ramps. Two of these ramps are public; the Port and the Cemetery Point (often called the Bluff Area and referred to as such in the following report). The third ramp belongs to a private yacht club and is reserved for use by its members. Pineview has two campgrounds managed by the Forest Service; Anderson Cove and Jefferson Hunt. There are 103 camping sites available at Anderson Cove and 29 at Jefferson Hunt. Located down the road from the Bluff boat ramp there is a beach area that is day-use with a designated swimming area. There is a large variety of game fish species in this reservoir. Crappie, yellow perch, and tiger muskie are the most popular. There are also channel catfish, largemouth and smallmouth bass, bluegill, and trout species (rainbow, cutthroat, and brown).

Echo Reservoir. Echo Reservoir is managed by a concessionaire (Echo Resort) under an agreement with the U.S. Bureau of Reclamation. Echo reservoir is located six miles north of Coalville, 48 miles northeast of Salt Lake, and 46 miles southeast of Ogden. The reservoir is at an elevation of 5,560 feet with a surface area of 1,450 acres. The reservoir has one developed concrete boat ramp with another undeveloped dirt ramp used mostly by boaters with personal watercraft (PWC). There are 42 leased trailer sites with water and electrical hookups. The beach area is for day use and some overnight camping, although there are no developed campsites. Echo also has a designated day use area with shade and picnic tables for public use. Rainbow and brown trout, channel catfish, crappie, and smallmouth bass are the desirable game fish species. State Parks is responsible for enforcing Utah's boating requirements.

Management Objectives of the Study Areas

The Utah Division of Parks and Recreation recently completed a statewide boating plan *State of Utah: Strategic Boating Plan, Division of Parks and Recreation Boating Plan* (Utah State Parks and Recreation 2000) (referred hereafter as the Strategic Plan) designed to meet the needs of the current and future boating public. Although not specific to the four reservoirs of concern in this research, the Strategic Plan is intended as a guide to assist the Division's Boating Program in meeting its legislative mandate as the boating authority for the state of Utah.

The Strategic Plan identified "nine primary vision elements that will guide the direction and management" of the Division's Boating Program and of boating in Utah. These elements focus on ensuring: 1) quality boating facilities; 2) improved boater education opportunities; 3) boating requirement enforcement uniformity; 4) proper equipment and training for boating law enforcement officers; and 5) productive partnerships, and the need for "researching and making recommendations for: 6) boating opportunities; 7) operator licensing; 8) capacity limits; and 9) appropriate and effective boat operation laws and rules."

These nine vision elements were then used to develop ten issues and recommendations for future management:

- Public Safety and Education (e.g., develop program to license watercraft operators through a proctored test, develop educational programs, and ensure consistent enforcement of boating laws and rules);
- Boating Facilities (e.g., complete inventory of existing facilities, determine renovation needs, and develop consistent facility standards);

- Management Alternatives and Boating Capacity Limits (e.g., determine existing situational concerns, consider and implement diverse alternatives, and consider using capacity limits when other alternatives fail to achieve desired results);
- Agency Cooperation (e.g., designate the Utah State Parks and Recreation Boating Program to act as the lead agency toward “improving interagency communication, cooperation, and uniformity of information and governing laws and rules”);
- Legislative Issues (e.g., improve agency/legislature relations and work toward legislative support of key boating issues);
- Use of Personal Watercraft (e.g., increase both educational opportunities and requirements for PWC operators);
- Funding (e.g., seek legislative support and funding, maximize funding through nontraditional sources, and seek increases for both registration fees and gas tax allotment);
- Environmental Impacts (e.g., minimize environmental impacts through improved facility development and enhance awareness of environmental impacts and protection strategies);
- Economic Impacts (e.g., obtain and analyze state and local boating economic impact information, gain support and funding to provide additional boating facilities and opportunities, and promote economic benefits of the parks to local communities and businesses); and
- Appropriate Spending of Boating Funds (e.g., improve accountability of spending and follow the itemized analysis and guidelines as directed by the Strategic Planning Ad Hoc Committee).

II. METHODS

To assess the user public's attitudes toward boating recreation on Utah's reservoirs, an intercept survey was developed and implemented during the 2001 summer boating season. The survey instrument was designed by Utah State University (USU) social scientists and Utah Parks and Recreation staff. The survey instrument was two pages long with 35 questions (Appendix A). The data obtained was analyzed using SPSS statistical software on computers at USU.

The survey research was conducted with a random sampling method. A roving interviewer administered the boater intercept survey at seven different launches at the four reservoirs: Hyrum (1 launch); Bear Lake (3 launches, the two on the east shore are combined in the following discussion and labeled "Eastside"); Pineview (2 launches); and Echo (1 launch). The sampling period was May 28 to August 21, 2001 for a total of 14 weeks and 57 sampling days. Each reservoir was surveyed a total of 14 six-hour days (with the exception of Bear Lake with 15 sampling days) using a rotating time schedule: a morning to afternoon shift (9 a.m. to 3 p.m.) for half the days and an afternoon to evening shift (2 p.m. to 8 p.m.) for the remaining half. For August, the afternoon to evening sampling period moved back one hour (1 p.m. to 7 p.m.) to accommodate the change in daylight boating hours. These time periods were evenly split between the launches at each reservoir during the six-hour day, with the exception of Hyrum and Echo which only have one launch ramp each.

The survey was conducted in an interview questionnaire format. Any person operating a boat or PWC and using the designated launch facilities was asked to participate in the survey. Only one person per boating group was interviewed. Boaters were interviewed after they finished using the ramp

during take-out. After loading their boats on the trailers, the majority of boaters would drive to the top of the ramp or into a nearby parking lot. As the boaters were finishing tying down their craft and stowing gear, they were approached by the interviewer who asked if they would participate in this study. By talking to the boaters in a staging area, the interviews were conducted without interfering with the ramp traffic flows. One person on the boat was selected for the interview which was typically the boat's primary operator. On most days, all users taking out at the ramps were approached whereas on the very crowded days, all users could not be personally contacted. If the boater drove away before they could be approached or if the interviewer was in the process of interviewing one boater while others drove off, the researcher indicated on the survey form the number of missed interviewing opportunities. In some cases boaters refused to participate and that was logged as a "refusal" on the survey form. In other cases, boaters terminated the interview part way through the survey. In these cases, the survey was noted as a "partial completion" in the general information box on the survey form.

There were approximately 35 questions with a section on general use and user information (date, time of day, location, parking lot capacity, watercraft type, gender, and age). This general information section was completed by the interviewer with the exception of the respondent's age. In general, the questions assessed the boater's characteristics and attitudes toward reservoir management, other lake users, and boating rules. The questions were developed to assess the following: 1) demographic characteristics; 2) lake use; 3) visitor characteristics; 4) perceptions of boating satisfaction and conflicts; 5) attitudes toward use limits and alternative lake destinations; and 6) open-ended comments. The open-ended questions gave the respondents the opportunity to address personal ideas and concerns regarding reservoir management. (See Appendix A for copy of survey instrument and

interview schedule.)

In the following sections, descriptive statistics are presented for all survey questions for each of the four study reservoirs. In some tables, a summary column is presented that totals the results for all study lakes. This should not be interpreted as representing all Utah lakes and reservoirs. It is presented for discussion purposes.

III. SURVEY RESPONSE & BOATER CHARACTERISTICS

This section reports results related to visitor demographics including gender, age, location of residence (the city, state, and country they are from), and interview response rate.

Interview results. A total of 927 boaters were contacted through the survey with only 15 of those refusing to participate. The response rate was greater than 97% at each location (Table III.1). Of the total number of completed surveys (912), Pineview accounted for the highest percentage (34.9%) followed by Hyrum (22.3%), Bear Lake (22.1%), and Echo (20.7%). While the response rate after accounting for “missed” respondents remains high (ranging from 61.7% at Bear Lake Marina to 93.9% at Bear Lake Eastside), it must be noted that results will slightly under represent visitors at crowded times.

Table III.1: Survey sampling results.

	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>	
			Port	Bluff	Marina	Eastside
Contacts ¹	208	191	181	143	173	31
Refusals	5	2	5	1	2	0
Completed Surveys	203	189	176	142	171	31
Response Rate	97.6%	99.0%	97.2%	99.3%	98.8%	100.0%
Repeats	22	6	8	4	4	2
Misses ²	34	94	78	42	107	2
Response Rate without Misses	85.9%	67.0%	69.9%	77.3%	61.7%	93.9%

¹ Number of contacts presented does not include those previously interviewed (Repeats).

² Number of potential sample subjects missed to busy ramp use.

Table III.2: Weekday period sampling summary.

Time of Survey ¹		<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>		<i>All Lakes</i>
				Port	Bluff	Marina	Eastside	
Days in sampling period	Weekdays	7	7	4	4	4	4	30
	Weekends/Holidays	7	7	3	3	3.5	3.5	27
	Total	14	14	7	7	7.5	7.5	57
Complete surveys	Weekdays	24.6% (50)	23.8% (45)	46.0% (81)	39.4% (56)	44.4% (76)	32.3% (10)	27.0% (246)
	Weekends/Holidays	75.4% (153)	76.2% (144)	54.0% (95)	60.6% (86)	55.6% (95)	67.7% (21)	73.0% (666)
	Total	100.0% (203)	100.0% (189)	100.0% (176)	100.0% (142)	100.0% (171)	100.0% (31)	100.0% (912)
Misses	Weekdays	36.4% (12)	20.2% (18)	25.6% (20)	16.7% (7)	8.8% (9)	0.0% (0)	19.1% (66)
	Weekends/Holidays	63.6% (21)	79.8% (71)	74.4% (58)	83.3% (35)	91.2% (93)	100.0% (2)	80.9% (280)
	Total	100.0% (33)	100.0% (89)	100.0% (78)	100.0% (42)	100.0% (102)	100.0% (2)	100.0% (346)

¹ Weekdays include Monday, Tuesday, Wednesday, and Thursday. Weekends/ Holidays include Friday, Saturday, Sunday, with the addition of Monday the 28th of May and Tuesday the 24th of July.

² Responses (*n*) are shown in parentheses under the percentage.

Table III.2 summarizes the sampling results categorized by week day periods. The researcher was interviewing at Echo on Memorial Day (May 28) and at Hyrum on Pioneer Day (July 24). When comparing complete survey results for all locations, the number of weekend/holiday visitation was greater than during the workweek particularly at Hyrum and Echo. This is also evident when examining the ratio of misses on weekdays versus weekends/holidays (i.e., at certain times, the take-out traffic on weekends was so heavy that more boaters were taking out while the interviewer was completing an interview; thus, there were a greater proportion of missed interviews than when the traffic was lighter on

the workweek days) (Table III.2).

Gender. On all the lakes, a large majority of respondents were male (77.5%) with few females (22.5%). The proportion of males to females was generally consistent across all six different ramps. However, there are a few notable exceptions: at Hyrum, 82.8% were male and only 17.2% female and Pineview Bluff where 69.7% were male and 30.3% female.

Age. Respondents were asked to give their age. In addition to the means, seven age group categories were created: 20 or younger; 21 to 30; 31 to 40; 41 to 50; 51 to 60; 61 to 70; and over 70. There were four female respondents over the age of 61 while there were 51 males over the age of 61. The average age of all respondents was 39.6 years.

Boaters ranged in age from 15 to 80 years old (Table III.3). Echo Reservoir had the lowest average age of 37 years while the average at Bear Lake Marina was the highest (43). Weekend boaters average age (39) was slightly lower than weekday boaters (42) (Table III.4). As shown on Table III.4, average age also varied according to the type of craft the respondents were using. The average PWC user was 35 years old, while the average traditional motorboat user was 40. At each location, over half of the boaters were between the ages of 31 to 50 (Table III.3).

Table III.3 indicates the respondents' age group frequencies by the location where they were surveyed. In examining the mean and median ages, there does not appear to be great deal of difference between the different locations. However, there were fewer boaters between the ages of 21 to 30 on Bear Lake than the other reservoirs. It should be noted that about one-fourth of the boaters at Hyrum (24.7%) and Bear Lake Marina (27.7%) were over the age of 50 compared to the other locations where those 51 and older comprised less than 16% of the boaters.

Residency. All of the respondents were residents of the United States, and a large majority (95.0%) were Utah residents. Other states represented were Idaho (2.3%), Wyoming (1.0%), and California (0.5%). Arizona, Colorado, Oregon, and Nevada each were represented by two respondents (0.2% each) while New York, Texas, and Iowa had one respondent (0.1% each). For a breakdown of the states and cities where the respondents reside and which reservoirs they used, see Appendix B, Chapter V, and Figure V.A.

Table III.3: Age group distribution.

Age Categories ¹	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>	
			Port	Bluff	Marina	Eastside
20 or younger	4.5% (9)	5.5% (10)	3.6% (6)	2.2% (3)	6.6% (11)	6.5% (2)
21 to 30	20.7% (41)	30.4% (55)	21.3% (36)	23.9% (32)	13.2% (22)	16.1% (5)
31 to 40	25.3% (50)	28.7% (52)	33.7% (57)	30.6% (41)	22.9% (38)	19.4% (6)
41 to 50	25.8% (51)	23.2% (42)	25.4% (43)	27.6% (37)	29.5% (49)	45.2% (14)
51 to 60	12.6% (25)	8.3% (15)	11.8% (20)	12.7% (17)	19.3% (32)	9.7% (3)
61 to 70	7.6% (15)	3.3% (6)	4.1% (7)	2.2% (3)	6.0% (10)	3.2% (1)
71 or older	3.5% (7)	0.6% (1)	0.0% (0)	0.7% (1)	2.4% (4)	0.0% (0)
Median Age	40.0	38.0	38.0	39.5	43.0	43.0
Mean Age (S.D.)	41.1 (14.25)	36.7 (12.20)	38.6 (11.34)	38.8 (11.27)	42.7 (13.69)	40.1 (11.27)

¹ The respondents ranged in age from 15 to 80 years old.

² Responses (*n*) are shown in parentheses under the percentage.

Table III.4: Gender and age characteristics by primary watercraft used and day of week reservoirs were visited.

Characteristics	Lake Use ¹			Day of Week ¹	
	Motorboat	PWC	Other ²	Weekend ³	Weekday
Gender					
Male	79.3% (595)	69.2% (74)	69.1% (38)	76.7% (511)	79.7% (196)
Female	20.7% (155)	30.8% (33)	30.9% (17)	23.3% (155)	20.3% (50)
Mean Age	39.8	34.8	42.3	39.0	41.5

¹ Responses (*n*) are shown in parentheses next to the percentages.

² Combinations of more than one type of watercraft, along with non-motorized boats.

³ Includes Friday, Saturday, Sunday, and holidays.

IV. LAKE USE CHARACTERISTICS

Data were recorded regarding the time of use, day of week, location of use, number of vehicles in the parking lots, type of watercraft, and the amount of fuel used in order to understand the use characteristics of boaters at the different reservoirs. The number of surveys administered at the different reservoirs (Table IV.1) indicates about three-quarters of the use occurs on weekends (Friday, Saturday, and Sunday) and holidays. This slightly under represents weekend use, however, because the research technician was not able to intercept all the boaters coming off the lakes at the take-out locations during the most busy times (see “Misses” row in Table III.2).

Table IV.1: Distribution of survey responses by type of day.¹

Time of Use ²	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>	<i>Bear Lake</i>	<i>All Lakes</i>
Weekdays	24.6% (50)	23.8% (45)	30.8% (98)	26.2% (53)	27.0% (246)
Weekends/Holidays	75.4% (153)	76.2% (144)	69.2% (220)	73.8% (149)	73.0% (666)

¹ Responses (*n*) are shown in parentheses under the percentage.

² Weekdays include Monday, Tuesday, Wednesday, and Thursday. Weekends/ Holidays include Friday, Saturday, Sunday, with the addition of Monday the 28th of May and Tuesday the 24th of July.

The types of crafts operated by respondents indicates that the majority of those surveyed for all lakes combined operated open motorboats (75.7%), personal watercraft (12.1%), or cabin motorboats (10.3%), while relatively few were on sailboats (1.1%) or oar boats (0.8%) (Table IV.2). It should be noted that the reported number of non-motorized boats may under represent the actual numbers. The surveys were conducted at ramps designed to put-in and take-out motorized watercraft.

Boaters using oar boats (kayaks, canoes, or rafts), small sailboats, sailboards, and other such craft using the lake could have been accessing the lakes at locations other than where the research technician was stationed.

Nearly a quarter of the watercraft at Pineview Bluff (23.3%) and Bear Lake Eastside (24.1%) were PWCs. The location with the least amount of PWC use was Pineview Port (3.5%) followed by Hyrum (7.5%). Over 85% of the boats at Hyrum were open motorboats while Bear Lake Marina had the highest percentage of sailboats taking-out on the ramps (3.2%). Bear Lake Marina also had the highest percentage of cabin motorboats (17.2%).

Table IV.2: Type of watercraft at the different reservoir take-outs.¹

Type of Craft	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>		<i>All Lakes</i>
			Port	Bluff	Marina	Eastside	
Open Motorboat	86.5% (173)	72.8% (131)	81.4% (140)	68.4% (91)	67.5% (106)	62.1% (18)	75.7% (659)
Cabin Motorboat	3.5% (7)	11.1% (20)	14.0% (24)	6.0% (8)	17.2% (27)	13.8% (4)	10.3% (90)
Personal Watercraft	7.5% (15)	15.6% (28)	3.5% (6)	23.3% (31)	11.5% (18)	24.1% (7)	12.1% (105)
Sailboats ²	0.5% (1)	0.6% (1)	0.6% (1)	1.5% (2)	3.2% (5)	0.0% (0)	1.1% (10)
Oar Boats ³	2.0% (4)	0.0% (0)	0.6% (1)	0.8% (1)	0.6% (1)	0.0% (0)	0.8% (7)

¹ Responses (*n*) are shown in parentheses under the percentage.

² Sailboats include sailboats and auxiliary sailboats.

³ Oar Boats include canoes, rowboats, inflatable rafts, and kayaks.

We asked the respondents to tell us the amount of fuel they consumed on the day they were contacted. The average fuel used across all the take-outs was 9.3 gallons with a median of 7. The

modal category was 10 gallons (n=158), followed by 5 gal. (129), 1 gal. (100), and 15 and 25 gallons (n=75 each). As shown on Table IV.3, the amount of fuel used varied somewhat across the different survey locations, with the highest average fuel used at Pineview Bluff (15.1 gallons) and the lowest amount used on the other side of the lake at Pineview Port (9.6 gallons). There was a very small difference between the average amount of fuel used on weekdays (9.2) versus weekends/holidays (9.4 gallons). On all lakes, open motorboats averaged 8.3 gallons, cabin motorboats averaged 12.9 gallons, and PWCs 10.4. The amount of fuel use reported was the respondent's estimate for the amount they used the day they were interviewed.

Table IV.3: Amount of fuel used today.¹

Fuel Consumption	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>	
			Port	Bluff	Marina	Eastside
Average	11.6	12.4	9.6	15.1	13.4	12.5
Mode	1	10	5	10	10	1
Median	5	10	5	10	10	6.5
Range	0 - 40	1 - 40	1 - 50	1 - 120	1 - 75	1 - 40

¹Figures shown are number of gallons.

The field technician was asked to estimate the relative use of the parking lot in terms of how full it was during each sampling period. Results shown in Table IV.4 indicate that Echo parking area was greater than three-quarters full most often (41.8%) and that Bear Lake Eastside least often (35.5%). Pineview Bluff was less than one-quarter full only about 6% of the time while Bear Lake Eastside parking lot was nearly empty 32.3% of the time.

Table IV.4: Parking lot use levels.

Parking lot	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>	
			Port	Bluff	Marina	Eastside
< ¼ full	10.8%	27.5%	11.9%	5.6%	12.9%	32.3%
¼ to ½	31.0%	12.7%	34.7%	10.6%	17.5%	16.1%
½ to ¾	19.7%	18.0%	22.7%	44.4%	29.8%	16.1%
¾ to full	38.4%	41.8%	30.7%	39.4%	39.8%	35.5%

Table IV.5: Parking lot use levels by type of day.

Parking Lot	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>	
			Port	Bluff	Marina	Eastside
<u>< than ¼ full</u>						
Weekdays ¹	34.0%	57.8%	27.6%	12.5%	27.3%	22.2%
Weekends ²	3.3%	18.1%	4.2%	2.9%	7.9%	36.4%
<u>¼ to ½ full</u>						
Weekdays	62.0%	28.9%	55.2%	15.0%	54.5%	22.2%
Weekends	20.9%	7.6%	24.6%	8.8%	23.6%	13.6%
<u>½ to ¾ full</u>						
Weekdays	4.0%	13.3%	17.2%	50.0%	18.2%	55.6%
Weekends	24.8%	19.4%	25.4%	42.2%	21.3%	0.0%
<u>> than ¾ full</u>						
Weekdays	0.0%	0.0%	0.0%	22.5%	0.0%	0.0%
Weekends	51.0%	54.9%	45.8%	46.1%	47.2%	50.0%

¹Weekdays include Monday, Tuesday, Wednesday, and Thursday, with the exceptions of Monday the 28th of May and Tuesday the 24th of July.

²Weekends include Friday, Saturday, and Sunday with the addition of Monday the 28th of May and Tuesday the 24th of July.

Table IV.5 shows the parking lot capacity broken down by weekend days vs. weekdays.

Examining the bottom row, almost all of the parking areas never exceeded three-quarters full during the

middle of the week, with the exception of Pineview Bluff (22.5%). The parking lots' capacities appear to be reaching their limits on the weekends and holidays (e.g., about half of the time on weekends and holidays, the parking lots are more than three-quarters full). It should also be noted that more than 75% of the times the research technician was conducting surveys during the week (with the exception of when she was at Pineview Bluff and, to a lesser degree, Bear Lake Eastside), parking lots were less than half full.

Summary of Lake Use Characteristics by Lake

Thus section discusses lake use characteristics for each of the four study reservoirs.

Hyrum Reservoir. At Hyrum, more than three-quarters (153) of the surveys were collected on weekends/holidays, while about 25% were collected on weekdays. On the weekdays, the parking lot was half full or less 96% of the weekday sampling days and was never more than three-quarters full. However, on weekdays the parking lot was half full or less about 24% of the time. Hyrum was the only lot that was one half to full capacity less than 10% during the weekdays. On the other hand, the lot capacity on weekends was three-quarters or greater 51% of the time and one half to three-quarters full about one-fourth of the time. Of all the study sites, Hyrum had the greatest percent of open motorboats (86.5%) and the lowest percentage of cabin motorboats (3.5%). It also had only 7.5% of the respondents operating PWCs, below the combined lake average of 12.1%. Average fuel use at Hyrum was 11.6 gallons with half the respondents using five gallons or less.

Echo Reservoir. Three times more surveys were collected at Echo during the weekend/holiday sampling days (76.2%) than during the weekdays (23.8%). The parking lot was less

than one-quarter full about 28% of the time and three-quarters to full 42% of the time. The lot was never greater than three quarters full during the weekdays compared to about 55% of the weekend/holiday sampling days. More than 85% of the weekdays, the lot was one half full or less. Almost three-quarters (72.8%) of the respondents operated open motorboats while 11.1% were in cabin motorboats. The percent of PWCs (15.6%) was similar to the four lake average (12.1%). Average amount of daily fuel use was 12.4 gallons with half the respondents having used 10 gallons or less.

Pineview Reservoir. Pineview had the greatest number of boaters of any of the other study reservoirs with more than one third (34.9%, n=318) of the total number of surveys (912) collected there. More than twice as many surveys were collected on weekends/holidays (69.2%) than on weekdays (30.8%). The ratio of weekday to weekend/holiday surveys collected was smaller on Pineview than the other study reservoirs indicating a higher ratio of weekday use. In general, Pineview Reservoir had the highest number of days when the parking lot was full and the highest number of PWCs of all the study lakes.

At Pineview's Port ramp, the parking lot was never more than three-quarters full on weekdays and was less than half full about 83% of the weekdays. On the weekends/holidays, about 46% of the time the lot was more than three-quarters full and only about 4% of the time it was less than one-quarter full. About 81% of the respondents were using open motorboats, 14% were in cabin motorboats, and only about 4% (6) were using PWCs. Pineview Port respondents' average fuel use was 9.6 gallons with a median of 5 gallons.

The parking lot at Pineview Bluff ramp was one-half or more full on weekdays about 73% of

the time, the highest weekday use of any of the parking lots by a wide margin. On weekends/holidays, the lot was more than three-quarters full almost half the time (46.1%) and was less than one-quarter full only about 3% of the time. Almost one-quarter (23.3%) of the watercraft used were PWCs and more than three-quarters were open motorboats. Next to Hyrum, Pineview Bluff had the lowest percentage of cabin motorboats (6.0%). On average, Pineview Bluff boaters used the greatest amount of fuel per outing (15.1 gallons) and had the greatest range of fuel used (1 to 120 gallons). The median amount was 10 gallons.

Bear Lake. The majority of surveys taken at Bear Lake were also collected on weekends (73.8%). At the Marina Ramp, the parking lot was never greater than three-quarters full on weekdays and one-half to three quarters full about 18% of the time. On weekends/holidays, almost half the time (47.2%) the lot was more than three-quarters full and only about 8% of the time the lot was less than one-quarter full. There were a greater percentage of cabin motorboats (17.2%) and sailboats (3.2%) than any of the other sites. About 12% of the respondents were using PWCs and 68% in open motorboats. The average amount of fuel used was 13.4 gallons with a median of 10.

Bear Lake Eastside ramps had, by far, the fewest number of visitors (31) compared to the other takeouts. The parking lot never reached more than three-quarters capacity on the weekdays and while 50% of the weekend/holiday sampling periods it exceeded three-quarters capacity, it had the lowest percentage of days greater than one-half capacity. The highest percentage of PWC users (24.1%) were contacted at the Eastside ramps compared to the other ramps. About 62% of the respondents were using open motorboats and 14% in cabin motorboats. None of the respondents were in sailboats. The average amount of fuel used was 12.5 gallons with a median of 6.5 gallons.

V. VISITOR USE CHARACTERISTICS

The average group size for all four of the study reservoirs was 6.8 people with a median of 5.0 (Table V.1). The largest average group size was at Bear Lake Eastside (9.7) followed by Pineview Bluff (8.1), Bear Lake Marina (7.8), and Echo (7.3). Pineview Port and Hyrum had the smallest average group size (4.9 and 5.7 respectively) and had the lowest median group sizes (4.0 for both sites).

Table V.1: Number of people per group per lake.

Response Category ¹	<i>Hyrum</i> ²	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>		<i>All Lakes</i>
			Port	Bluff	Marina	Eastside	
Average	5.7	7.3	4.9	8.1	7.8	9.7	6.8
Median	4.0	6.0	4.0	6.0	6.0	6.0	5.0
1 to 2	23.6% (48)	14.8% (28)	27.8% (49)	11.3% (16)	17.5% (30)	16.0% (5)	19.3% (176)
3 to 6	48.3% (98)	44.4% (84)	56.8% (100)	47.2% (67)	41.5% (71)	42.0% (13)	47.5% (433)
7 to 10	18.2% (37)	23.3% (44)	8.5% (15)	24.6% (35)	22.8% (39)	13.0% (4)	19.1% (174)
11 to 20	7.9% (16)	14.3% (27)	4.5% (8)	11.3% (16)	12.9% (22)	16.0% (5)	10.3% (94)
more than 20	2.0% (4)	3.2% (6)	2.3% (4)	5.6% (8)	5.3% (9)	13.0% (4)	3.8% (35)

¹The groups ranged in size from 1 person to 55 people.

²Responses (*n*) are shown in parentheses under the percentage.

In comparing the two ramps at Pinview, it is interesting to note the large discrepancy in average group sizes with 4.9 people at Port and 8.1 at Bluff. The highest percentage of groups of larger than 10

people (29.0%) were encountered at Bear Lake Eastside followed by Bear Lake Marina (18.2%), Echo (17.5%), and Pineview Bluff (16.9%). Less than 10% of the boaters at Hyrum were in groups of 11 or more people and only 6.8% of the of the Pinview Port boaters. About one-quarter of the boaters at Hyrum and Pineview Port were either alone or with one other person.

The interviewer asked the respondents which water based recreational activities they participated in during the day they were interviewed. Most indicated that they participated in a multitude of different types of activities. Table V.2 lists the different activities by reservoir and takeout. Most boaters at Hyrum were waterskiing (50.2%) and cruising (50.2%) followed by swimming (34.5%), still fishing from the boat (25.1%), and wakeboarding (22.7%). Waterskiing (59.3%), cruising (52.9%), and swimming from the boat (42.3%) were the most frequently mentioned activities at Echo. Wakeboarding is also a popular activity at Echo (21.7%) along with riding PWCs (17.5%).

Similarly, most boaters at both Pineview locations indicated that waterskiing and cruising were activities they participated in. However, it is interesting to note the participation rate for three activities at the two locations. While only 4.5% of the respondents at Pineview Port indicated they rode PWCs, about 29% at Pineview Bluff rode PWCs. The other interesting contrasts are the two fishing activities, still fishing from their boats and trolling. About one-fourth of the Port boaters were still fishing from there boats compared to around 10% of the Bluff Boaters. Similarly, 17.6% of the Port boaters trolled compare to only 7.7% of the Bluff boaters (Table V.2).

A majority of boaters contacted at the Bear Lake locations indicated that cruising around the lake for fun was an activity they participated in. The percent of people waterskiing at Bear Lake Eastside (29.0%) was the smallest of any of the study sites. However, the percent indicating they had

ridden PWCs (29.0%) was similar to the percent at Pineview Bluff (28.9%) and greater than each of the other study sites. Also in contrast to the other study sites, none of the Eastside respondents indicated that were out on Bear Lake sightseeing. The largest number of respondents sailing were contacted at Bear Lake than all the other three reservoirs combined.

Table V.2: Activities that respondents participated in.¹

Types of Activities	<i>Hyrum</i> ²	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>		<i>All Lakes</i> ³
			Port	Bluff	Marina	Eastside	
Waterskiing, tubing, kneeboarding	50.2% (102)	59.3% (112)	50.6% (89)	63.4% (90)	52.0% (89)	29.0% (9)	54.0% (491)
Personal watercraft	7.9% (16)	17.5% (33)	4.5% (8)	28.9% (41)	17.0% (29)	29.0% (9)	15.0% (136)
Swimming from boat	34.5% (70)	42.3% (80)	39.2% (69)	45.8% (65)	38.6% (66)	29.0% (9)	39.5% (359)
Sightseeing on lake	14.8% (30)	13.8% (26)	14.2% (25)	16.9% (24)	15.2% (26)	0.0% (0)	14.4% (131)
Canoeing, kayaking, or sailing	1.5% (3)	0.5% (1)	0.6% (1)	1.4% (2)	4.1% (7)	6.5% (2)	1.2% (16)
Trolling	15.3% (31)	14.3% (27)	17.6% (31)	7.7% (11)	11.1% (19)	19.4% (6)	13.8% (125)
Still fishing from boat	25.1% (51)	10.6% (20)	24.4% (44)	9.9% (14)	2.3% (4)	3.2% (1)	14.7% (134)
Cruising	50.2% (102)	52.9% (100)	50.6% (89)	59.2% (84)	56.7% (97)	54.8% (17)	53.6% (489)
Wakeboarding	22.7% (46)	21.7% (41)	19.9% (35)	16.9% (24)	21.6% (37)	19.4% (6)	20.7% (189)

¹ 656 respondents or (72.2%) indicated they participated in more than one activity.

² Responses (*n*) are shown in parentheses under the percentage.

³ N= 909, missing cases= 3

When asked which of the water based recreation activities indicated was their primary activity,

more respondents at each ramp indicated waterskiing than the other activities (Table V.3). The second most frequently mentioned primary activity was PWC riding at Pineview Bluff (23.4%) and Bear Lake Eastside (22.6%); still fishing from the boat at Hyrum (17.7%) and Pineview Port (18.2%); and cruising around the lake for fun at Echo (13.9%) and Bear Lake Marina (17.6%).

Table V.3: Primary lake recreational activities at each location.¹

Location	Most popular	Second most popular	Third most popular	Fourth most popular	Fifth most popular
Hyrum ²	<u>Waterskiing</u> 28.7% (58)	<u>Still Fishing</u> 17.7% (36)	<u>Wakeboarding</u> 14.8% (30)	<u>Trolling</u> 8.4% (17)	<u>Cruising</u> 8.4% (17)
Echo	<u>Waterskiing</u> 32.6% (61)	<u>Cruising</u> 13.9% (26)	<u>Wakeboarding</u> 13.4% (25)	<u>PWC</u> 12.8% (24)	<u>Trolling</u> 12.3% (23)
Pineview Port	<u>Waterskiing</u> 31.3% (55)	<u>Still Fishing</u> 18.2% (32)	<u>Wakeboarding</u> 13.6% (24)	<u>Cruising</u> 13.1% (23)	<u>Trolling</u> 11.4% (20)
Pineview Bluff	<u>Waterskiing</u> 40.4% (57)	<u>PWC</u> 23.4% (33)	<u>Cruising</u> 11.3% (16)	<u>Wakeboarding</u> 7.8% (11)	<u>Still Fishing</u> 5.0% (7)
Bear Lake Marina	<u>Waterskiing</u> 27.1% (46)	<u>Cruising</u> 17.6% (30)	<u>PWC</u> 11.8% (20)	<u>Wakeboarding</u> 11.2% (19)	<u>Trolling</u> 8.8% (15)
Bear Lake Eastside	<u>Waterskiing</u> 22.6% (7)	<u>PWC</u> 22.6% (7)	<u>Cruising</u> 19.4% (6)	<u>Trolling</u> 12.9% (4)	<u>Wakeboarding</u> 6.5% (2)

¹N=907, missing cases=5

²Responses (n) shown in parentheses.

We also asked boaters to tell us the main reasons they considered when making the decision to come to that particular lake on the day they were interviewed. We allowed for three different reasons. As shown on Table V.4, the most mentioned reasons for almost all lakes were qualities and characteristics associated with each lake.

Table V.4: Aggregate percentages of reasons people visited the different locations.¹

Response Category	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>		<i>All Lakes²</i>
			Port	Bluff	Marina	Eastside	
Lake qualities and characteristics	38.4 2	46.2 1	47.7 1	57.5 1	64.7 1	61.3 1	50.5 1
Close/proximity	64.0 1	26.3 4	36.9 2	48.9 3	6.5 8	16.1 6	36.3 2
Recreation opportunities	36.5 3	33.3 2	35.8 3	52.5 2	22.4 4	35.5 3	35.7 3
Facilities	9.4 7	31.2 3	11.9 8	21.3 4	60.0 2	45.2 2	27.9 4
Group/social	19.7 5	20.1 6	15.3 5	21.3 4	29.4 3	29.0 4	21.5 5
Fishing opportunities	27.1 4	18.3 7	35.2 4	7.8 9	6.5 8	9.7 7	20.5 6
Get away/relax	14.8 6	9.1 8	14.2 6	11.4 6	14.1 5	25.8 5	12.1 7
Not crowded	5.4 8	23.7 5	2.8 9	8.5 8	7.0 7	0.0 -	9.2 8
Other lakes undesirable	3.0 9	4.3 10	14.2 6	9.2 7	1.2 11	0.0 -	6.1 9
Familiarity	1.5 11	3.8 11	2.8 9	2.1 10	8.8 6	3.2 9	3.8 10
Something new/different	2.0 10	4.8 9	2.8 9	0.7 11	6.5 8	6.5 8	2.3 11

¹ Rankings of the response categories are shown in bold under the aggregate percentages.

² Respondents (N=907, missing=5) were given the opportunity to give three responses: 131 gave only one response; 411 gave two responses; and 365 gave three responses.

The exception was Hyrum where the proximity to boaters' residence was most frequently mentioned followed by Hyrum's qualities. Reasons associated with fishing opportunities was the fourth most mentioned at Hyrum. Existing facilities appears less important than most of the other study sites

(ranked seventh). At Echo, the most frequent reasons for coming to the lake had to do with Echo's qualities and characteristics followed by the reservoir's recreational opportunities. The third most frequently mentioned reasons at Echo had to do with facilities followed by proximity to home and uncrowded conditions.

At Pineview, a greater percentage of boaters contacted at Bluff gave reasons associated with facilities than at Port, and the Port boaters more frequently mentioned fishing opportunities (ranked fourth) than the Bluff boaters (ranked ninth). Respondents contacted at Pineview Port did not mention existing facilities as reasons for boating there very often (ranked eighth). Bear Lake boaters mentioned proximity as reasons for visiting less frequently than boaters on the other lakes (ranked eighth at the Marina site and sixth at Eastside). Facilities was mentioned second most often at both Bear Lake sites and having opportunities to socialize was also mentioned frequently (third most mentioned reasons at Marina and fourth at Eastside) (Table V.4).

We examined the relative proximity of boaters to the reservoir they were on by drawing a series of concentric circles on a map and identifying the respondents' cities of residences within the circles. The circles were drawn with the individual reservoirs at the center point and spaced at 25 miles, 50 miles, and 100 miles. As shown on figure V.A, nearly 83% of Hyrum boaters and 70% of Pineview boaters live within 25 miles of those reservoirs compared to only 9.5% of Echo boaters and 3.5% of Bear Lake boaters. At Echo, a large majority of respondents (86.2%) travel between 25 to 50 miles to boat. About one-fifth of Bear Lake boaters live greater than 100 miles from the lake and a majority (63.9%) reside between 50 and 100 miles of the lake. For a complete listing of respondents' cities of residence, see Appendix B.

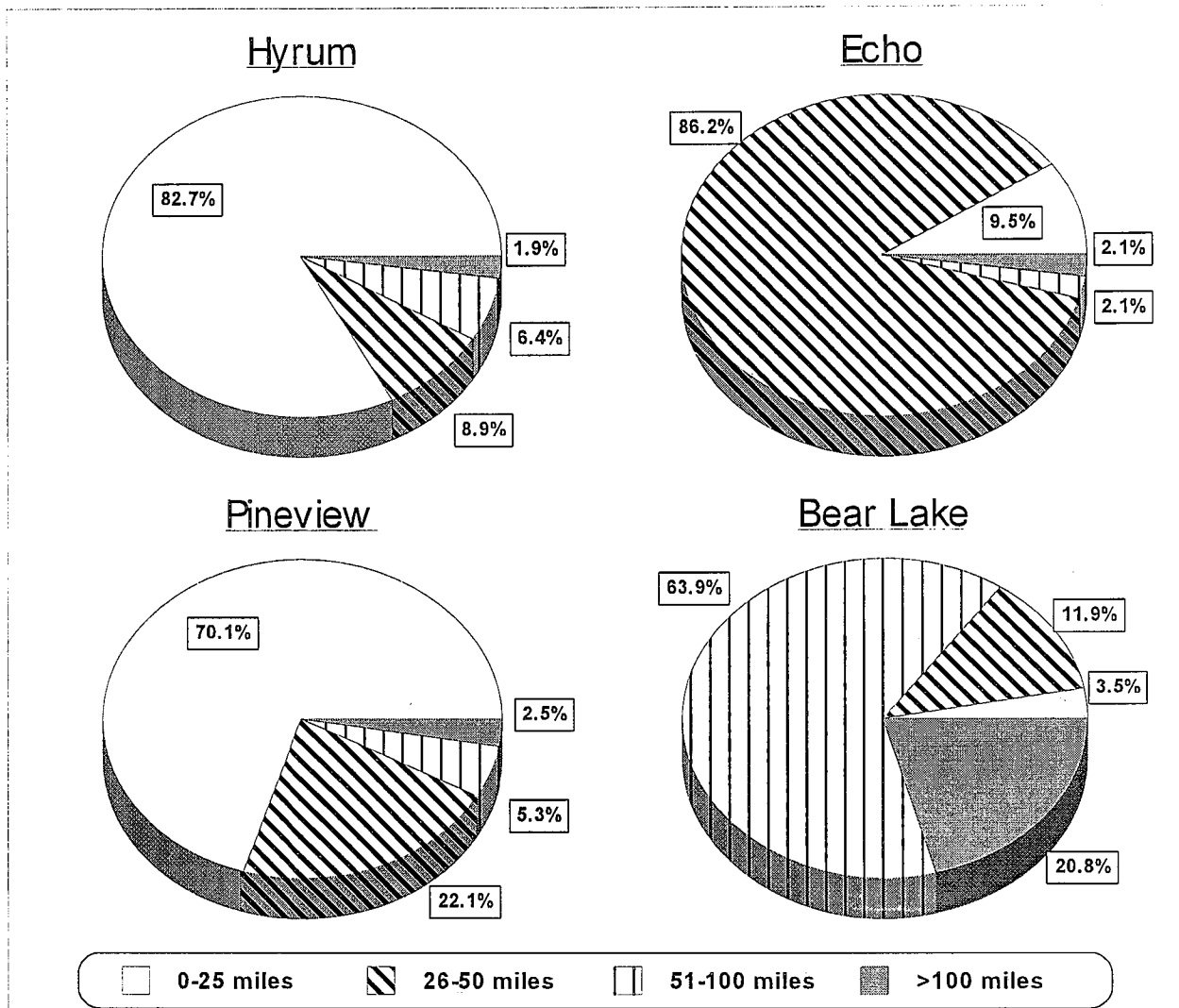


Figure V.A: Distance traveled to reservoirs.

VI. BOATING SATISFACTION, CONFLICTS, & CROWDING

The survey instrument contained several questions designed to assess the visitors' degree of satisfaction, conflicts that the respondents felt detracted from their boating experience, and their attitude toward crowding on the reservoirs and the need to impose boating use limits.

The research technician asked the boat operator how satisfied, in general, they were with their recreational experience on the lake the day they were surveyed. The results shown in Table VI.1 suggests that there are very few boaters that are not satisfied with their boating trip.

Table VI.1: User level of satisfaction with day's recreation experience.¹

Response	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>		<i>All Lakes²</i>
			Port	Bluff	Marina	Eastside	
Very Satisfied	48.0% (97)	54.0% (101)	55.1% (97)	63.1% (89)	67.3% (115)	58.1% (18)	56.9% (517)
Satisfied	43.1% (87)	32.1% (60)	38.1% (67)	31.9% (45)	25.1% (43)	29.0% (9)	34.3% (311)
Neutral	1.5% (3)	2.1% (4)	1.1% (2)	0.7% (1)	1.2% (2)	6.5% (2)	1.5% (14)
Dissatisfied	6.4% (13)	10.2% (19)	4.0% (7)	2.8% (4)	4.7% (8)	3.2% (1)	5.7% (52)
Very Dissatisfied	1.0% (2)	1.6% (3)	1.7% (3)	1.4% (2)	1.8% (3)	3.2% (1)	1.5% (14)
Mean ³	1.7	1.7	1.6	1.5	1.5	1.7	1.6

¹ Responses (*n*) are shown in parentheses under the percentage.

² N= 908, missing cases= 4.

³ Mean score calculated on a scale where 1= Very Satisfied, 2= Satisfied, 3= Neutral, 4= Dissatisfied, and 5= Very Dissatisfied.

Across all ramps, more than 86% indicated that they were either very satisfied or satisfied with the day's recreational experience. Echo had the largest proportion of respondents (11.8%) who indicated that they were dissatisfied or very dissatisfied. At each sampling location, three or less respondents indicated that they were very dissatisfied. Pineview Bluff and Pineview Port ramps had the fewest proportion of dissatisfied or very dissatisfied respondents (4.2% and 5.7% respectively). It should also be noted that there were very few respondents who were neutral on this question (percent range from 0.7% at Pineview Bluff to 6.5% at Bear Lake Eastside).

The field technician then asked if the actions of others detract from the respondent's enjoyment while boating on the lake where they were contacted. As shown on Table VI.2, majority of respondents at Hyrum, Echo, and both Pineview ramps indicated that the actions of others do detract from their boating enjoyment. A majority of boaters at each Bear Lake ramp indicated that the actions of others do not detract from their enjoyment. Of those who answered that their enjoyment was affected by others, respondents at Pineview Port had the largest proportion who indicated it occurred often (44.4%) followed by Echo (33.9%) and Bear Lake Eastside boaters (33.3%) compared to less than 30% of the respondents at Bear Lake Marina (29.9%), Pineview Bluff (29.1%), and Hyrum (26.2%). About a third of these respondents at Bear Lake Eastside and Echo indicated that the actions of others rarely detracted from their boating enjoyment (Table VI.2).

Table VI.2: If the actions of others reduced respondents' enjoyment while at the lake and, if so, the frequency that user enjoyment is reduced.¹

Response	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>		<i>All Lakes</i>
			Port	Bluff	Marina	Eastside	
Actions of others do not detract from enjoyment	36.1% (73)	41.7% (78)	28.4% (50)	39.0% (55)	55.6% (95)	61.3% (19)	40.7 (370)
Actions of others detract, or possibly detract, from enjoyment	63.9% (129)	58.3% (109)	71.6% (126)	61.0% (86)	44.5% (76)	38.7% (12)	59.2% (538)
Rarely ²	19.2% (25)	31.2% (34)	18.3% (23)	29.1% (25)	22.1% (17)	33.3% (4)	23.7% (128)
Sometimes ²	54.6% (71)	34.9% (38)	37.3% (47)	40.7% (35)	48.1% (37)	33.3% (4)	43.0% (232)
Often ²	26.2% (34)	33.9% (37)	44.4% (56)	29.1% (25)	29.9% (23)	33.3% (4)	33.1% (179)
Don't know ²	0.0% (0)	0.0% (0)	0.0% (0)	1.2% (1)	0.0% (0)	0.0% (0)	0.2% (1)

¹ Responses (*n*) are shown in parentheses under the percentage.

² Of the number of respondents who said that the actions of some lake users detract or possibly detract from their enjoyment of the lake.

The survey instrument contained several questions regarding the amount of boaters that the respondents saw on the lake the day they were contacted and whether use limits should be imposed in an attempt to reduce those numbers. As indicated on Table VI.3, more than three-quarters of primary boat operators at each ramp location (more than 80% at Hyrum, Pineview Port, and Bear Lake Marina) thought that the numbers of other boaters they saw were just about right. Less than 6% at both Bear Lake ramps thought that there were too many boaters. Pineview Bluff had the largest proportion (16.3%) who indicated that they saw too many boaters followed by Echo (15.0%), Hyrum (12.9%), and Pineview Port (12.5%). In general, very few respondents thought that there were too many boaters

on the day they were contacted (Table VI.3).

Table VI.3: Amount of boaters respondents felt were on the lake.¹

Response	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>		<i>All Lakes²</i>
			Port	Bluff	Marina	Eastside	
Too many	12.9% (26)	15.0% (28)	12.5% (22)	16.3% (23)	5.9% (10)	3.2% (1)	12.1% (110)
Too few	6.4% (13)	9.1% (17)	4.0% (7)	5.7% (8)	9.4% (16)	19.4% (6)	7.4% (67)
About right	80.7% (163)	75.9% (142)	83.5% (147)	78.0% (110)	84.7% (144)	77.4% (24)	80.5% (730)

¹ Responses (*n*) are shown in parentheses under the percentage.

² N= 907, missing cases= 5

We then asked if the respondents felt there was a need to limit the number of boats that can use the lake at one time. As shown on Table VI.4, a majority responded with “definitely yes” or “probably yes” at each ramp location with the exception of Bear Lake Marina (12.8%) and Bear Lake Eastside (12.9%). More than three-quarters of the respondents at Hyrum, Pineview Port, and Pineview Bluff indicated that use limits are needed. Boaters at both Bear Lake survey locations were more likely to indicate that use limits were not necessary (86.6% at Bear Lake Marina and 83.8% at Bear Lake Eastside). Very few respondents at each lake indicated that they did not know if use limits were needed.

Table VI.4: Opinion of respondents on the need to put limits on the number of boats that can use the lake at one time.¹

Response	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>		<i>All Lakes²</i>
			Port	Bluff	Marina	Eastside	
Definitely yes	60.9% (123)	43.3% (81)	71.6% (126)	68.8% (97)	9.9% (17)	3.2% (1)	49.0% (445)
Probably yes	16.3% (33)	13.4% (25)	9.7% (17)	9.2% (13)	2.9% (5)	9.7% (3)	10.6% (96)
Probably no	2.0% (4)	4.3% (8)	3.4% (6)	1.4% (2)	4.7% (8)	3.2% (1)	3.2% (29)
Definitely no	18.8% (38)	37.4% (70)	14.2% (25)	17.0% (24)	81.9% (140)	80.6% (25)	35.5% (322)
Don't know	2.0% (4)	1.6% (3)	1.1% (2)	3.5% (5)	0.6% (1)	3.2% (1)	1.8% (16)

¹ Responses (*n*) are shown in parentheses under the percentage.

² N=908, missing= 4

We also asked if certain type of user groups should be limited from using the lakes and if so, which groups should have limits place on their activities. More than 42% at each survey location indicated that limits should be placed on specific groups (Table VI.5). When asked which groups should be limited, by far the most frequently mentioned was PWC riders (data were coded for up to two responses). At Echo, the second most frequently mentioned group was waterskiers and Echo and both Pineview ramps, intoxicated boaters were the second most frequently mentioned group.

Table VI.5: Groups limited on the lake.¹

Response	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>		<i>All Lakes</i>
			Port	Bluff	Marina	Eastside	
No limits on specific groups on the lake	56.8% (88)	57.9% (62)	47.9% (68)	54.5% (60)	45.8% (11)	50.0% (2)	53.7% (291)
Limits on specific groups on the lake	43.2% (67)	42.1% (45)	52.1% (74)	45.5% (50)	54.2% (13)	50.0% (2)	46.3% (251)
Waterskiers ²	13.4% (9)	4.4% (2)	8.1% (6)	4% (2)	0.0% (0)	0.0% (0)	7.6% (19)
PWC ²	80.6% (54)	71.1% (32)	64.9% (48)	52.0% (26)	76.9% (10)	50.0% (1)	68.1% (171)
Inconsiderate boaters ²	0.0% (0)	4.4% (2)	5.4% (4)	0.0% (0)	0.0% (0)	0.0% (0)	2.4% (6)
Intoxicated boaters ²	9.0% (6)	13.3% (6)	18.9% (14)	18.0% (9)	0.0% (0)	0.0% (0)	13.9% (35)

¹ Responses (*n*) are shown in parentheses under the percentage.

² The number of respondents who said that there should be limits on a specific group or lake users. Up to two separate responses were coded for each respondent.

We also wanted to know if the respondents would still go boating if, on the day they were interviewed, they were not able to boat because of use limits. We also asked them if use limits were imposed and they still desired to go boating, where else would they go. The data shown in Table VI.6 indicates that a majority of the respondents at five of the six survey locations would go boating somewhere else if they could not boat on the lake where they were contacted. Fewer than half of the boaters Bear Lake Marina (40.6%) would have gone boating somewhere else. A little more than half of the boaters at Bear Lake Eastside (51.6%) and Hyrum (57.9%) indicated they would definitely or probably have gone boating somewhere else. More than three-quarters of the respondents at the Echo and Pineview Bluff ramps said they would have definitely or probably gone boating somewhere else.

Bear Lake Marina had the largest proportion (54.7%) of respondents who indicated they would have done something else followed by Hyrum (40.1%), Bear Lake Eastside (38.7%), Pineview Port (30.1%), Echo (20.9%), and Pineview Bluff (19.9%).

Table VI.6: If respondents were not able to get on the lake because of use of limits would they have gone boating elsewhere or done something else at the lake.¹

Response	<i>Hyrum</i>	<i>Echo</i>	<i>Pineview</i>		<i>Bear Lake</i>		<i>All Lakes²</i>
			Port	Bluff	Marina	Eastside	
Boating definitely	38.1% (77)	51.9% (97)	43.2% (76)	50.4% (71)	31.8% (54)	35.5% (11)	42.6% (386)
Boating probably	19.8% (40)	25.1% (47)	26.7% (47)	27.0% (38)	8.8% (15)	16.1% (5)	21.2% (192)
Something else	40.1% (81)	20.9% (39)	30.1% (53)	19.9% (28)	54.7% (93)	38.7% (12)	33.7% (306)
Unsure	2.0% (4)	2.1% (4)	0.0% (0)	2.8% (4)	4.7% (8)	9.7% (3)	2.5% (23)

¹ Responses (*n*) are shown in parentheses under the percentages.

² N= 907, missing cases= 5

Of those who answered that they would have probably or definitely gone boating elsewhere, the research technician further probed as to which other lakes they would likely go to. We allowed for two separate responses from each of the respondents. As shown on Table VI.7, the most frequently mentioned lake for those at Hyrum was Bear Lake followed by Newton Reservoir, both in close proximity to Hyrum Reservoir. Those contacted at Echo most frequently said Rockport (25.1%) or Jordanelle (11.2%). Boaters at both Pineview ramps would have probably gone to Willard Bay. With the exception of boaters at Bear Lake, it appears that the respondents were more likely to indicate that if displaced from using the reservoir they were at that day and they still intended on boating, they would

go to the next nearest lake that offered similar recreational opportunities.

Table VI.7: Other lakes where respondents would go if they were not able to get on the lake.¹

Location	Most mentioned	Second most mentioned	Third most mentioned	Fourth most mentioned	Fifth most mentioned
Hyrum ²	<u>Bear Lake</u> 13.4% (27)	<u>Newton</u> 12.4% (25)	<u>Willard</u> 10.9% (22)	<u>Pineview</u> 3.5% (7)	<u>Manua</u> 3.0% (6)
Echo	<u>Rockport</u> 25.1% (47)	<u>Jordanelle</u> 11.2% (21)	<u>Pineview</u> 7.5% (14)	<u>Deer Creek</u> 4.8% (9)	<u>East Canyon</u> 4.3% (8)
Pineview Port	<u>Willard</u> 43.2% (76)	<u>Jordanelle</u> 3.4% (6)	<u>Bear Lake</u> 2.3% (4)	<u>Deer Creek</u> 2.3% (4)	<u>Strawberry</u> ³ 1.7% (3)
Pineview Bluff	<u>Willard</u> 43.3% (61)	<u>Echo</u> 8.5% (12)	<u>East Canyon</u> 5.7% (8)	<u>Jordanelle</u> 5.7% (8)	<u>Deer Creek</u> ⁴ 1.4% (2)
Bear Lake Marina	<u>Flaming Gorge</u> 2.4% (4)	<u>Deer Creek</u> 2.4% (4)	<u>Pineview</u> 1.8% (3)	<u>Willard</u> ⁵ 1.2% (2)	<u>Jordanelle</u> ⁵ 1.2% (2)
Bear Lake Eastside	<u>Deer Creek</u> 16.1% (5)	<u>Willard</u> 6.5% (2)	<u>Jordanelle</u> 6.5% (2)	<u>Pineview</u> ⁶ 3.2% (1)	<u>Flaming Gorge</u> ⁶ 3.2% (1)

¹ Of respondents who answered "Boating Definitely" or "Boating Probably to question 14 (N=578)

² Responses (*n*) shown in parenthesis. Up to two responses were coded for each respondent.

³ Strawberry tied with East Canyon and Echo for fifth most mentioned alternative at Pineview Port.

⁴ Deer Creek tied with Flaming Gorge and Utah Lake for fifth most mentioned alternative at Pineview Bluff.

⁵ Willard and Jordanelle tied with Lake Powell and American Falls for fifth most mentioned alternative at Bear Lake Marina.

⁶ Pineview and Flaming Gorge tied with Idaho, Lake Powell, Echo, and Palisades for the fifth most mentioned alternative at Bear Lake Eastside.

VII. VISITOR COMMENTS AND RECOMMENDATIONS

At the conclusion of the interview, the research technician asked boaters if they had any additional comments or recommendations for future management. She recorded these responses verbatim (Appendix C). 771 respondents offered 1332 separate comments. The comments were coded into six broad categories: 1) positive aspects of the lake; 2) facilities and services; 3) environmental conditions; 4) visitor management or information; 5) use levels; and 6) management recommendations to consider if use levels are limited. All comments and the results of the coding are presented in Appendix C. Below is a summary of the major recommendations for each study location.

Hyrum Reservoir. At Hyrum, 289 comments were made by 167 boaters. About one-fifth were positive remarks about the lake or lake management. Although more than half of those were classified as generally positive (e.g., “we’ve been happy so far” and “we love this place”), several of the respondents said they had seen improvements to the condition of the lake, facilities, or management services.

The largest number of comments (110) are recommendations for improving facilities or services, with the majority asking for an increased lake size (44), or improvements in ramps, docks, and beach landings (20) and beach and swimming areas (12). Seventy-seven comments identify visitor management needs, including 36 recommending new lake regulations or better enforcement of existing regulations—six of these related specifically to PWCs and four to better zoning or enforcement of wakeless areas. Sixteen boaters said there is a need to reduce fees, while three recommended increasing fees. Only about 9% of the comments are suggestions for improving environmental

conditions, with most requesting fishery improvements (14) or higher water levels (9). There are only 17 comments regarding lake use levels, including 13 recommending various forms of use limits and four saying there is no need for use limitations.

Echo Reservoir. At Echo Lake, 152 respondents made 246 individual comments. Like Hyrum, about one-fifth of the comments are positive remarks about the lake, and nine of these are positive comments about park staff. Improving facilities is a major concern at Echo, with expanding or paving parking lots (26) and improvements in boat launches and landings (23) the primary concerns. A few people recommended improvements in concessions and restrooms and for gas on the lake. The largest number of visitor management recommendations are for improving regulations and enforcement, but only 20 people listed these concerns, and only five relate to PWC use. Increasing visitor information and problems with rangers are minor management concerns at Echo, and, like Hyrum Reservoir, water levels (12) and fishing (11) opportunities are the primary environmental concerns. Just 19 boaters identified use level issues at Echo, and four of these implied lake limits are *not* needed and four others said ramp congestion is a problem.

Pineview Port. There were 253 comments made by 158 boaters at the Port ramp. Of these, a similar number of comments (~28%) address facility/service and visitor management needs. The primary facility concerns are the ramps and launches (16), the availability of gas on the lake (9), and litter (9). Regarding visitor management, twenty-four comments deal with the need to improve regulations or enforce existing regulations better, and 14 of these recommend more or tighter controls on PWCs. Eleven boaters suggested that Utah State Park use passes be accepted at Pineview, and nine expressed concerns about reservoir staff. About 15% of the comments deal with improving the

lake environment, and nearly all of these were coded in two categories: improve fishing (22) and increase water levels (15). Another 15% made positive comments about the lake or lake management. And compared to the other study lakes, a relatively large number of boaters at the Port ramp (24) addressed use limits: nine suggested boat limits are needed, five said PWC limits are needed, four said that they boat on weekdays to avoid crowds, and four said (or implied) that use limits are not needed.

Pineview Bluff. At the Bluff ramp, 123 boaters made 211 comments. Nearly half (44.5%) of the comments address facility/service needs. Concerns about restrooms (23) are higher here than at any other study location, and litter (11), launches and landings (11), campsites (9), and availability of gas (8) and showers (6) minor concerns. Visitor management concerns make up nearly a quarter of the comments—20 of these address the need to add more regulations or better enforce existing regulations, but only one person targeted PWC use. Thirty-three boaters made positive comments about the lake or lake management. And unlike boaters at the Port ramp, relatively few Bluff boaters (15) made comments about improving the natural environment, with the major concern being water levels (7). Likewise, 18 comments address lake use levels, and most of these said that the number of boats should be limited, three said PWCs should be limited, and three said PWCs should not be limited.

Bear Lake Marina. At Bear Lake Marina, 161 boaters made 290 comments. Nearly half are recommendations for improving facilities and services (139), with half of these focusing on ramps and launches (29), adding another marina (24), and improving parking (24). Related to improving launching opportunities, nine recommended adding slips and seven suggested developing the Eastside ramp. Visitor management concerns are addressed in 47 comments, including 20 recommending new regulations or enforcing existing regulations better; 10 of these specifically targeted PWC control.

Thirty-two comments address environmental improvements, and most (21) of these recommend increasing or stabilizing lake water levels. Very few people addressed lake use levels (16), and most of these recommended no use limitations (8) or addressing congestion at boat ramps (5). Like all the other study locations, about one-fifth of the boaters made positive comments about the lake or lake management.

Bear Lake Eastside. Reflecting the low level of use at the Eastside ramp, only 43 comments were made by 17 boaters, and most comments reflect those obtained at the Marina. Most boaters recommend improving the launches or stabilizing lake levels, but no one at the Eastside ramp addressed use levels or the need for more boating regulations or enforcement, and one-quarter of the boaters made positive comments about the lake.

VIII. SUMMARY AND MANAGEMENT RECOMMENDATIONS

This section summarizes both general and lake specific results and recommendations, and compares the findings with the results of a comparable study conducted in 1999 on four different reservoirs: Deer Creek, Jordanelle, Willard Bay, and East Canyon (Reiter et. al. 2000). But first, there are several issues to keep in mind when interpreting the results of this study.

Interpreting the Results

There are several limitations to the study. First, the findings are statistically representative only of the four lakes and six boat launches where the survey was conducted. Despite reporting summary statistics for all lakes, *system-wide implications are merely suggestive*. Second, since the surveys were conducted at boat ramps, the results are not representative of non-boaters and they may under represent boaters who put in at other locations. Third, in most cases the primary boat operator was the survey subject. It was not possible to randomly select all people who rode in boats because boat ramps were the only control points where surveys could be conducted in the same manner at every site. There are advantages to surveying primary operators, however: compared to boat riders, they are likely to have more time and money invested in boating and more experience at the lakes.

It is also important to keep lake characteristics in mind when interpreting the results. At 72,000 surface acres, Bear Lake is very large, Pineview (2,870 acres) and Echo (1,450 acres) are medium sized lakes, and Hyrum Reservoir (450 acres) is a small lake. Based on both the number of completed surveys for this study, and a statewide telephone survey of registered motorboat owners (Reiter et. al.

2001) conducted in 1999, Pineview gets the most use, followed closely by Bear Lake, and then Echo and Hyrum (Table VIII.1). But when looking at boater *density*, based on an annual boater-per-acre ratio, Hyrum gets the heaviest use by a large margin, followed by Pineview, Echo, and then Bear Lake.

Lake objectives are fairly similar across the different sites. Generally speaking, the objective is to provide a safe, satisfying recreation experience for the largest number of people possible. Pineview has the most defined capacity of any of the sites. The capacity is based on usable surface acres of water and changes as the water level decreases. At full pool, 4900 feet, the capacity is 350 vessels and decreases to 160 at 4850 feet. Enforcement occurs by counting the number of watercraft entering at each of two ramps and allowing the yacht club a specific number of watercraft on the water at each level. Pineview varies from the other sites in that each watercraft (including PWCs) count as one boat and is accessed a fee for one boat. Other sites count a single entering tow vehicle with either one boat or up to four PWCs on a single trailer as one vehicle. Bear Lake does not have a capacity. The Lake has nine public and private boat ramps in Utah and Idaho. Along with the designated ramps, adjacent landowners can access the lake through their property. Echo has no capacity limit. It is served by a single access point/boat ramp. Hyrum capacity is managed based on its parking lot capacity. The parking lot capacity allows for 45 boat/trailer combinations.

General Results: Visitor and Lake Use Characteristics

Characteristics of reservoir visitors. Despite the large differences in lake characteristics, there are relatively few differences in boater characteristics. Nearly 80% are males, including at least 70% of the respondents at all ramps, but there were slightly more women on PWCs (31%) compared

Table VIII.1: 2001 boater visitation by reservoir matrix.

Lake (size in surface acres)	Percentage of registered boat owners ¹	Number of Utah boat owners using lake ²	Average number of visits ³	Total Utah boating groups	Non-Utah boating groups ⁴	Total boating groups	Average group size ⁵	Total boaters 2001 ⁵	Groups per acre (season)	Boaters per acre (season)
Hyrum (450)	2.9%	1,690	16.2	27,378	550	27,928	5.7	159,189	62.1	353.8
Echo (1,450)	6.0%	3,497	10.2	35,669	2,418	38,087	7.3	278,035	26.3	191.7
Pineview (2,870)	14.6%	8,510	13.1	111,481	3,244	114,725	6.3	722,767	39.9	251.8
Bear Lake (71,680)	12.6%	7,344	10.7	77,511	13,517	91,028	8.1	737,326	1.3	10.3

¹From 1999-2000 telephone survey of registered Utah boat owners (does not include renters).

²Based on estimated 58,289 individual registered Utah boat owners.

³Based on current (2001) intercept survey, May 25 to August 21, 2001. Non-Utah boaters based on four lake average of 7% Utah residents.

⁴Based on current survey (2001), of the total number of Utah boaters at the lakes, an additional 2.01% were non-Utah boaters at Hyrum, 6.78% at Echo, 2.91% at Pineview, and 17.44% at Bear Lake.

⁵These are day use estimates, they do not include overnight stays.

to motorboats (21%). The mean age of the boaters is 40 years, ranging from 37 years at Echo Reservoir to 43 at Bear Lake Marina, and from 35 for PWC users to 40 for motorboaters. All of the respondents are from the U.S., and 95% of the respondents are from Utah.

Lake use characteristics. Most lakes get about three-quarters of their use on weekends and holidays (including Fridays), although use at Pineview is more evenly dispersed with just 69% occurring on weekends and holidays. Parking lots were never three-quarters full on weekdays, except at Pineview Bluff (23%). On weekends, however, parking lots for all of the study locations were at least three-quarters full half of the time, and half full to full about three-quarters of the time (ranging from 51% at Bear Lake Eastside to 84% at Pineview Bluff). Over the entire summer, parking lots tended to be most crowded at Pineview Bluff (84% of the sampling days the lot was over half full) and least crowded at Pineview Port (53% of the days were half full). While directing overflow use from Bluff to Port may help ease congestion on weekdays, it will be less effective on weekends when the Port lot gets relatively high use. Compared to the 1999 study lakes (Reiter et. al. 2000), weekend parking lot use is much higher for the 2001 lakes compared to Jordanelle and East Canyon but less congested than Deer Creek and Willard Bay.

The vast majority of respondents at all lakes use open motorboats (77%) or PWCs (12%). The highest PWC use ramps were Bear Lake Eastside and Pineview Bluff (24% and 23% respectively), and PWC use at Hyrum was considerably lower than any of the other ramps or lakes (7.5%). PWC use was higher on the 1999 study lakes, because certain ramps at Deer Creek, Willard Bay, and especially Jordanelle, attract a high number of PWC operators.

Fuel use is similar across all study lakes: open motorboats averaged 8 gallons, cabin motorboats 13 gallons, and PWCs 10 gallons. Fuel use estimates by ramp range from a low of 9.6 at Pineview Port to a high

of 15.1 at Pineview Bluff, reflecting a higher number of fishermen at Port and PWC operators at Bluff.

Visitor use characteristics. Average boater group sizes are large at all lakes (7 per group) especially at Bear Lake Marina (8), Pineview Bluff (8), and Bear Lake Eastside (nearly 10). While group sizes are slightly smaller at the two ramps where fishermen tend to go (Hyrum and Pineview Port), even these ramps have fairly large average group sizes (about 5). While group sizes were also large in the 1999 study, those ramps averaged only six persons per group, with Deer Creek the largest with seven per group.

The distances boaters travel to get to the lakes vary considerably. Most Hyrum (83%) and Pineview (70%) boaters traveled less than 26 miles to get to the lake, 90% of the Echo boaters travelled 26 miles or more, and 85% of the Bear Lake boaters traveled more than 50 miles. These travel distances are more variable than those found in 1999 when over 90% of the boaters at all lakes traveled either 0 to 25 or 26 to 50 miles.

The reasons boaters are attracted to the lakes tend to reflect these travel distances in both study years. In 1999, proximity was the primary reason for all study lakes. In the current study, this is true only of Hyrum boaters, while lake characteristics are the primary reasons for the other three lakes. Proximity is the second most important reason for Pinewiew, but for Echo and especially Bear Lake, the recreation opportunities and availability of facilities are more important than proximity. Opportunities for socializing and for relaxing are moderately important attractions at all the lakes. Fishing is important for about 30% of the boaters at Hyrum and the Pineview Port ramp, but minor at the other sites. Crowding at other lakes, familiarity, and uniqueness tend to be minor attractions to the lakes, except Echo, where about a quarter of the boaters said avoiding crowds at other lakes is a reason for visiting.

Waterskiing is the primary boater activity for all lakes, followed by cruising, swimming from boats,

PWC use, and fishing/trolling. But, when asked for their *primary* activities, fishing became the second most important activity for boaters at Hyrum and Pineview Port, and wakeboarding became one of the top five activities at all six study locations. In general, these lakes attract very active, motorized use recreationists, but Pineview and Hyrum have mixture of fishermen and motorized users. Also, the boating activities at these lakes tend to be more homogeneous than for the 1999 study lakes where fishing and PWC use is higher at certain ramps.

Satisfaction, crowding, and conflicts. Satisfaction levels are high at all study lakes and ramps. Over 90% of the boaters said they were satisfied or very satisfied with their experience, ranging from 87% at Bear Lake East to 95% at Pineview Bluff. The high satisfaction ratings are verified by the very low number of boaters who felt the lakes were crowded; less than 17% of the boaters at all ramps said there were too many boats on the water. In fact, over 80% said the number of boaters on the water was “about right” and nearly 88% said they were about right or *too few*. This reflects the results of the open-ended comments, where very few boaters listed the need to implement use capacities, but many identified the need for more boating or lake zoning rules, or better enforcement of existing requirements.

While satisfaction is often very high in park settings, the crowding results are surprising. Use levels vary tremendously on the study lakes from 159,127 boaters at Hyrum to 722,207 at Pineview. And the standardized boaters per acre figures range from 9.8 (boaters per acre per season) at Bear Lake to 353.6 at Hyrum (Table VIII.1). Furthermore, the crowding results are nearly identical to the 1999 study lakes, despite the fact that the 1999 lakes tend to have a much smaller range of use (112,586 to 391,097) and use density levels (28.1 to 165.6).

On the other hand, nearly 60% of the boaters said the actions of others reduced their enjoyment of

the lake, 60% said that there needs to be use limits on the number of boats that can use the lake at any one time, and nearly half said that certain groups (primarily PWC operators) should be limited. These figures also mirror the 1999 study results, although boaters at nearly every ramp in the current study were more likely to say the actions of others detracted from their visit “often” rather than “rarely” or “sometimes.”

Conflicts are perceived to be highest by boaters at Hyrum and the Pineview Port ramp. Several factors could explain these results. These two ramps get the highest number of fishermen, Pineview and Hyrum Lakes have the highest use levels per acre over the season, and Pineview has the largest number of PWC operators and received the highest number of open-ended comments related to the need for better PWC management.

In general, however, the boaters do not feel crowded due to the number of boaters on the water, but there is some frustration due to conflicting uses. The results also indicate that boater supports for use limits seems to be a reaction to user conflicts rather than boaters densities. But even conflicts are not extreme, as satisfaction is very high, and management tools other than use capacities should be used to address problems whenever possible.

The results also indicate that setting use capacities at Hyrum, Echo, or Pinewiew, where use densities are relatively high, would *not* greatly reduce the number of boaters using state park reservoirs, but simply shift the boaters around to different lakes. Two-thirds of the boaters who said they support use limitations also said they would probably still go boating if they were not able to get on the lake. The good news for these lakes, however, is that the most popular alternative destinations are lakes with relatively low use densities (Bear Lake and Willard), although 25 Hyrum boaters said they would go to Newton Reservoir, and 82 Echo boaters said they would go to Rockport, Jordanelle, or Pineview. Thus, compared to the lakes in the 1999

study, use limitations at these lakes would have less adverse effects on other high use lakes in northern Utah. However, with the exception Hyrum, travel times to these lakes tend to be longer than for boaters at the 1999 study lakes, so if stricter use limits are applied, it would be especially important to provide information to boaters in advance of their trip.

Lake management recommendations of visitors. In general the most common recommendations at Hyrum were for higher water levels, adding or improving enforcement of lake rules, and improving ramps and other boat beach landings. Improving facilities was even more important at Echo, with enlarging and paving parking lots and improvements in boat launches and landings the primary concerns. Like Hyrum, visitor management recommendations at Echo revolved around improving requirements and enforcement, and very few visitors on either lake cited PWC-related concerns. Also like Hyrum Reservoir, water levels and fishing were the primary environmental improvements boaters feel are needed.

At Pineview Reservoir, Port ramp boaters wanted to see improvements in regulations or better enforcement of existing requirements, including 14 boaters who recommended more or tighter controls on PWCs, the most of all study locations. Other management needs expressed by Port ramp boaters were ramp and boat launch improvements, improving fishing and increasing water levels. At the Bluff ramp, nearly half of the comments dealt with facility or service needs, and concerns about restrooms were higher here than at any other study location, but ramp and boat launch concerns were smaller here than any other ramp. Twenty boaters addressed the need to add more regulations or better enforce existing regulations, but only one of these comments targeted PWC use. A small to moderate number (17) of boaters at both Pineview ramps expressed an interest in seeing gas made available on the lake.

At Bear Lake, comments at both ramps focused on the need for improving ramps and launches,

adding another marina (probably at an eastside ramp), and stabilizing lake levels. Marina boaters also wanted to see managers make improvements in the parking lots and adding or better enforcing lake use requirements. Regarding regulations, 10 respondents specifically mentioned PWCs.

Conclusions

Compared to boaters at the 1999 study lakes, boaters at Hyrum, Echo, Pineview, and Bear Lake tend to be less concerned with PWC use and fishing conflicts, although these still exist at certain locations where these boaters are concentrated, and facility and water levels are significant concerns at the different lakes. Enforcement of laws in general seem to be a greater concern, but despite very high boater densities on Hyrum and Pineview, crowding is not felt to be as big a concern as conflicts between boaters. These problems need to be addressed on a site-by-site basis using boater education, better enforcement of boating laws, and, in some cases, new laws directly targeting the specific issues of concern. While use capacity limits may make management easier, they will not reduce the specific issues identified by the boaters at these lakes, and may actually exacerbate conflicts and crowding at other lakes. Expanding parking and *increasing* lake capacities, coupled with better boater education and enforcement policies, can reduce conflicts without substantially increasing crowding.

To take the extreme examples from the current and the 1999 studies, Jordanelle has relatively low boater densities compared to other lakes, while Hyrum has densities three times as high as Jordanelle. Yet satisfaction ratings are similar on the two lakes. Conflicts are higher at Hyrum, but crowding perceptions are actually lower at Hyrum than at Jordanelle. The results of the 1999 study indicate that the relatively low number of conflicts at Jordanelle seem to be the result of low parking lot densities and having a designated

PWC ramp, rather than low boater use or density levels on the water. This indicates that Hyrum could improve boating experiences by reducing parking congestion while Jordanelle could allow more access to the lake without increasing crowding perceptions, but this may require expanding parking to keep parking lot congestion low. This could also help reduce parking congestion at Deer Creek, which the results of the 1999 study suggest may be influenced by limited parking at Jordanelle.

While this is conjecture, the fact of the matter is that the problems at the eight study lakes in northern Utah do not result from crowding or too many boats on the water, but issues like parking lot congestion, violations of boating laws and etiquette, PWC–motor boater conflicts, and fishermen–motorboat conflicts. Even these are not extreme, however, as satisfaction levels are quite high on Utah’s lakes. It was also found that PWC use, per se, was not a major issue. What did surface was a desire that PWC operators abide by the same laws and restrictions that govern the other motorboats using the lakes.

Reservoir managers need to specifically identify lake and boating management objectives, and carefully tailor management actions to specific objectives that are not being met. Boater input should be included in this process. In no cases do lake-wide use capacities—which are better tailored to providing natural or solitude type experiences or pristine environmental conditions—seem to be a reasonable solution to the problems identified at these eight reservoirs. This could change if certain areas or lakes zones are designated specifically to provide for wilderness or near wilderness experiences or conditions, or if there are major safety problems due to the number of boats on the lakes. And even safety problems elsewhere have been found to *increase* after boat limitations were implemented, and *decrease* after the limitations were removed. While it sounds counter intuitive, this was the case at Cherry Creek Reservoir in Colorado, which has higher use density levels than the Utah Lakes we have studied. Increased patrols and boater education were found to

reduce safety problems, illustrating the importance of carefully matching visitor management actions to the problems being addressed.

Lake-wide use capacities may indirectly decrease some problems because there are fewer people and use capacities are easier to implement than more detailed visitor management schemes, but use capacities can unnecessarily reduce the number of boating opportunities and may increase management problems elsewhere. More targeted visitor management approaches can significantly increase the number of boating opportunities and directly address management problems without shifting them to other locations. But they require more money for lake and visitor management and more staff for education and enforcement. Increasing boating opportunities in Utah is possible, but more funding for management of heavily used water based parks is needed.

REFERENCES

- Reiter, D., D. Blahna, E. Toman, and R. Bahr. 2000. A Summary Report: 1999 Utah State Park Boater Intercept Survey. Utah Department of Natural Resources, Division of Parks and Recreation.
- Reiter, D.K., D.J. Blahna, J.J. Smith, and R. Bahr. 2001. A Summary Report: 1999 Utah State Park Boater Telephone Survey. Utah Department of Natural Resources, Division of Parks and Recreation.
- Utah State Parks and Recreation. 2000. State of Utah Strategic Boating Plan, Division of Parks and Recreation Boating Program. State of Utah Natural Resources, Division of Parks and Recreation.

APPENDIX A

SURVEY INSTRUMENT & SURVEY SCHEDULE

2001 State Park Boater Intercept Survey

No. _____

IIII

Date: _____ Day: M Tu W Th F Sa Su Time: 9 10 11 12 1 2 3 4 5 6 7 8 9

Location: _____ Hyrum _____ Pineview (port) _____ Bear Lake (marina) _____ Bear Lake (eastside south)
 _____ Echo _____ Pineview (cemetery) _____ Bear Lake (eastside north)

Parking Lot: ☐ < ¼ full ☐ ¼ to ½ full ☐ ½ to ¾ full ☐ > ¾ full

Watercraft: 1 Open motorboat 3 Personal watercraft 5 Sail (only) 7 Canoe
 2 Cabin motorboat 4 Auxiliary sail 6 Rowboat 8 Other: _____

Gender: Male [] Female [] Age: _____ Interview Result: Completed [] Partial [] Refused []

1. Where are you from? (city/town, state, country): _____

2. Are you the boat owner or primary operator? ☐ NO ☐ YES

3. About how much fuel did you use today? _____ gallons

4. How many people are in your group today? _____

5. Have you visited [LAKE NAME] before? ☐ YES ☐ NO → [GO TO Q6]

5a. [IF YES] Before **this** year, for how many years have you been coming out to [LAKE]? _____

5b. [IF MORE THAN 1 YEAR] How many times do you come out here in a **typical** year? _____

6. I'm going to read a list of boating activities you may have participated in today. Please tell me which of the activities someone in your group did. [CHECK ALL THAT APPLY]

- | | |
|---|--|
| <input type="checkbox"/> Water skiing, tubing, or knee boarding | <input type="checkbox"/> Canoeing or kayaking |
| <input type="checkbox"/> Riding on personal water craft | <input type="checkbox"/> Trolling |
| <input type="checkbox"/> Swimming from a watercraft | <input type="checkbox"/> Still fishing from a boat |
| <input type="checkbox"/> Sailing | <input type="checkbox"/> Cruising or just driving the boat for fun |
| <input type="checkbox"/> Sightseeing on the lake | <input type="checkbox"/> Other boating activities: _____ |

7. [IF MORE THAN ONE ACTIVITY] Which of these was your **primary** activity? [CIRCLE ABOVE]

8. What was the main reason you decided to come out to [LAKE NAME] today? _____

[PROBE FOR UP TO TWO REASONS]

9. In general, how satisfied were you with your recreation experience here today? Would you say you were: ☐ very satisfied, ☐ satisfied, ☐ neutral, ☐ dissatisfied, or ☐ very dissatisfied?

9a. [IF DISSATISFIED] What were the problems? _____

[PROBE: "Did you have any other problems on the lake today?" or "Anything else?"]

10. Do you feel that the actions of some lake users detract from your enjoyment while you're boating on [LAKE NAME]?

☐ YES ☐ POSSIBLY ☐ NO →[IF NO, GO TO Q11]

10a. In *general*, how often is your enjoyment of [LAKE] reduced by the actions of others? Would you say . . .

- ☐ rarely (by that I mean on *some trips but not on every trip* to the lake),
☐ sometimes (once or twice a day), or
☐ often (more than twice a day).
☐ DK OR NEVER BEEN HERE BEFORE

10b. Which types of groups or lake users detract from your enjoyment?

[PROBE: "DO ANY OTHER GROUPS DETRACT FROM YOUR ENJOYMENT?"]

11. In your opinion, do you feel there were too many, too few, or about the right number of boaters on the lake *today*?

☐ TOO MANY ☐ TOO FEW ☐ ABOUT RIGHT

12. In *general*, do you think there is a need to put a limit on the number of boats that can use [LAKE NAME] at one time? Would you say . . .

- ☐ definitely yes,
☐ probably yes,
☐ probably no, or
☐ definitely no.
☐ DON'T KNOW

→ Go to Question #15

13. [IF YES TO Q12] Why do you feel that (additional) use limits are needed at [LAKE]?

[PROBE UNTIL NO MORE REASONS ARE GIVEN]

14. [IF YES TO Q12] Are there any specific boating groups whose use you think should be limited?

☐ NO ☐ YES→[IF YES] Who is that? _____

Anyone else? _____

15. If you were not able to get on the lake as a result of restrictions on the number of boats *today*, do you think you still would have gone boating, or done something else?

- ☐ BOATING (DEFINITELY) →→→ Where do you think you would have gone boating?
☐ BOATING (PROBABLY) →→→ _____
☐ SOMETHING ELSE
☐ UNSURE

16. Do you have any additional comments or recommendations for future management of [LAKE NAME]?

That's the end of the survey – **Thank you very much for your help!**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<div>May 2001</div> <div>[M] = Morning [A] = Afternoon</div>						
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22 Sites visits	23 Training	24 Field training at Hyrum	25 Hyrum [M]	26 Bear Lake [M]
27 Pineview [A]	28 Echo [A]	29	30	31 Hyrum [A]	9-3	9-12 Marina
2-5 Port	2-8			2-8		

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<div> <div>June 2001</div> <div> [M] = Morning [A] = Afternoon </div> </div>						
					1 <u>Bear Lake</u> [A] 2-5 <i>Marina</i>	2 <u>Pineview</u> [M] 9-12 <i>Port</i>
3 <u>Echo</u> [M] 9-3	4 	5 	6 <u>Hyrum</u> [M] 9-3	7 <u>Bear Lake</u> [M] 9-12 <i>Eastside</i>	8 <u>Pineview</u> [A] 2-5 <i>Cemetery</i>	9 <u>Echo</u> [A] 2-8
10 	11 	12 <u>Hyrum</u> [A] 2-8	13 <u>Bear Lake</u> [A] 2-5 <i>Eastside N</i>	14 <u>Pineview</u> [M] 9-12 <i>Cemetery</i>	15 <u>Echo</u> [M] 9-3	16
17 	18 <u>Hyrum</u> [M] 9-3	19 <u>Bear Lake</u> [M] 9-12 <i>Marina</i>	20 <u>Pineview</u> [A] 2-5 <i>Port</i>	21 <u>Echo</u> [A] 2-8	22 	23
24 <u>Hyrum</u> [A] 2-8	25 <u>Bear Lake</u> [A] 2-5 <i>Marina</i>	26 <u>Pineview</u> [M] 9-12 <i>Port</i>	27 <u>Echo</u> [M] 9-3	28 	29 	30 <u>Hyrum</u> [M] 9-3

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<div> <div>July 2001</div> <div>[M] = Morning [A] = Afternoon</div> </div>						
1 <u>Bear Lake</u> [M]	2 <u>Pineview</u> [A]	3 <u>Echo</u> [A]	4 Data entry	5 Data entry	6	7
9-12 <i>Eastside</i>	2-5 <i>Cemetery</i>	2-8				
8	9	10	11	12	13 <u>Hyrum</u> [A]	14 <u>Bear Lake</u> [A]
					2-8	2-5 <i>Marina</i>
15 <u>Pineview</u> [M]	16 <u>Echo</u> [M]	17	18	19 <u>Hyrum</u> [M]	20 <u>Bear Lake</u> [M]	21 <u>Pineview</u> [A]
9-12 <i>Port</i>	9-3			9-3	9-12 <i>Marina</i>	2-5 <i>Port</i>
22 <u>Echo</u> [A]	23	24	25 <u>Hyrum</u> [A]	26 <u>Bear Lake</u> [A]	27 <u>Pineview</u> [M]	28 <u>Echo</u> [M]
2-8			2-8	2-5 <i>Eastside S</i>	9-12 <i>Cemetery</i>	9-3
29	30	31 <u>Hyrum</u> [M]				
		9-3				

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<div> <div>August 2001</div> <div> [M] = Morning [A] = Afternoon </div> </div>						
			1 <u>Bear Lake</u> [M] 9-12 <i>Eastside</i>	2 <u>Pineview</u> [A] 1-4 <i>Cemetery</i>	3 <u>Echo</u> [A] 1-7	4
5 	6 <u>Hyrum</u> [A] 1-7	7 <u>Bear Lake</u> [A] 1-4 <i>Marina</i>	8 <u>Pineview</u> [M] 9-12 <i>Port</i>	9 <u>Echo</u> [M] 9-3	10 	11
12 <u>Hyrum</u> [M] 9-3	13 <u>Bear Lake</u> [M] 9-12 <i>Marina</i>	14 <u>Pineview</u> [A] 1-4 <i>Port</i>	15 <u>Echo</u> [A] 1-7	16 	17 	18 <u>Hyrum</u> [A] 1-7
19 <u>Bear Lake</u> [A] 1-4 <i>Eastside S</i>	20 <u>Pineview</u> [M] 9-12 <i>Cemetery</i>	21 <u>Echo</u> [M] 9-3	22 	23 Data entry	24 Data entry	25
26 	27 	28 	29 	30 	31 	

APPENDIX B

RESPONDENTS' RESIDENCE CITIES

Residences of Hyrum Reservoir

Boaters

STATE RESIDENCE = Utah (98.03%)

	<u>Frequency</u>	<u>Percent</u>
Logan	46	23.1
Millville	8	4.0
Ogden	5	2.5
Nibley	5	2.5
Hill Air Force Base	1	.5
Hyrum	29	14.6
Paradise	5	2.5
Clearfield	3	1.5
West Jordan	2	1.0
Salt Lake City	2	1.0
Sandy	1	.5
Brigham City	6	3.0
Bountiful	2	1.0
Clinton	1	.5
Layton	2	1.0
Roy	1	.5
West Valley	1	.5
South Weber	1	.5
Magna	1	.5
Murray	1	.5
Providence	20	10.1
Smithfield	8	4.0
Mendon	2	1.0
North Ogden	1	.5
Hyde Park	7	3.5
Mount Sterling	3	1.5
Wellsville	7	3.5
North Logan	10	5.0
South Jordan	1	.5
Woods Cross	1	.5
Garland	2	1.0
Tooele	1	.5
Richmond	2	1.0
Thatcher	1	.5
Lewiston	2	1.0
Sunset	1	.5
College Ward	3	1.5
Deweyville	1	.5
River Heights	2	1.0
Hurricane	1	.5
<i>Total</i>	<i>199</i>	<i>100.0</i>

STATE RESIDENCE = Idaho (0.99%)

	<u>Frequency</u>	<u>Percent</u>
Twin Falls	1	50.0
Malad	1	50.0
<i>Total</i>	<i>2</i>	<i>100.0</i>

STATE RESIDENCE = Texas (0.49%)

	<u>Frequency</u>	<u>Percent</u>
Texas	1	100.0

STATE RESIDENCE = Oregon (0.49%)

	<u>Frequency</u>	<u>Percent</u>
Ontario	1	100.0

Residences of Echo Reservoir Boaters

STATE RESIDENCE = Utah (93.65%)

	<u>Frequency</u>	<u>Percent</u>
Ogden	9	5.1
Clearfield	1	.6
West Jordan	4	2.3
Salt Lake City	55	31.1
Sandy	15	8.5
Bountiful	4	2.3
Clinton	1	.6
Layton	5	2.8
Roy	5	2.8
North Salt Lake	2	1.1
Syracuse	2	1.1
West Valley	15	8.5
South Weber	2	1.1
Park City	3	1.7
Magna	1	.6
Henefer	5	2.8
Riverton	3	1.7
Holladay	9	5.1
Bluffdale	1	.6
Murray	6	3.4
Echo	2	1.1
Kearns	3	1.7
Coalville	4	2.3
North Ogden	1	.6
Kaysville	1	.6
South Jordan	3	1.7
Taylorsville	5	2.8
Hooper	2	1.1
Morgan	1	.6
Tooele	1	.6
Kamas	1	.6
Hoytsville	1	.6
Grantsville	1	.6
Peoa	1	.6
Provo	1	.6
Bear River City	1	.6
<i>Total</i>	<i>177</i>	<i>100.0</i>

STATE RESIDENCE = Arizona (0.53%)

	<u>Frequency</u>	<u>Percent</u>
Nogales	1	100.0

STATE RESIDENCE = New York (0.53%)

	<u>Frequency</u>	<u>Percent</u>
New York	1	100.0

STATE RESIDENCE = Wyoming (4.76%)

	<u>Frequency</u>	<u>Percent</u>
Evanston	8	88.9
Green River	1	11.1
<i>Total</i>	<i>9</i>	<i>100.0</i>

STATE RESIDENCE = Colorado (0.53%)

	<u>Frequency</u>	<u>Percent</u>
Colorado Springs	1	100.0

Residences of Pineview Reservoir Port**Boaters***STATE RESIDENCE = Utah (96.59%)*

	<u>Frequency</u>	<u>Percent</u>
Logan	1	.6
Ogden	45	26.5
Clearfield	2	1.2
Salt Lake City	3	1.8
Sandy	1	.6
Brigham City	1	.6
Bountiful	7	4.1
Clinton	10	5.9
Farmington	7	4.1
Layton	11	6.5
Liberty	4	2.4
Roy	8	4.7
Syracuse	2	1.2
West Valley	1	.6
Magna	1	.6
Riverton	1	.6
Holladay	1	.6
North Ogden	7	4.1
Farr West	3	1.8
Riverdale	4	2.4
Kaysville	5	2.9
Pleasant View	2	1.2
South Ogden	6	3.5
South Jordan	1	.6
Woods Cross	1	.6
Centerville	2	1.2
Garland	1	.6
Huntsville	1	.6
Ogden Canyon	1	.6
Eden	9	5.3
Mountain Green	1	.6
Taylorsville	2	1.2
Morgan	2	1.2
Tooele	2	1.2
Springville	1	.6
Alpine	2	1.2
Payson	2	1.2
Fruit Heights	1	.6
Orem	1	.6
Harrisville	1	.6
Provo	1	.6
Plain City	2	1.2
American Fork	1	.6
West Point	1	.6
Willard	1	.6
<i>Total</i>	<i>170</i>	<i>100.0</i>

STATE RESIDENCE = Idaho (1.70%)

	<u>Frequency</u>	<u>Percent</u>
Idaho Falls	1	33.3
Blackfoot	1	33.3
Preston	1	33.3
<i>Total</i>	<i>3</i>	<i>100.0</i>

STATE RESIDENCE = California (0.57%)

	<u>Frequency</u>	<u>Percent</u>
Temecula	1	100.0

STATE RESIDENCE = Oregon (0.57%)

	<u>Frequency</u>	<u>Percent</u>
Portland	1	100.0

STATE RESIDENCE = Iowa (0.57%)

	<u>Frequency</u>	<u>Percent</u>
Waterloo	1	100.0

Residences of Pineview Reservoir**Bluff Boaters***STATE RESIDENCE = Utah (97.89%)*

	<u>Frequency</u>	<u>Percent</u>
Ogden	21	15.1
Clearfield	6	4.3
West Jordan	1	.7
Salt Lake City	16	11.5
Sandy	2	1.4
Bountiful	13	9.4
Clinton	1	.7
Farmington	7	5.0
Layton	12	8.6
Liberty	1	.7
Roy	6	4.3
North Salt Lake	3	2.2
Syracuse	2	1.4
Herriman	1	.7
West Valley	3	2.2
Magna	1	.7
Riverton	2	1.4
Holladay	3	2.2
Murray	1	.7
Kearns	1	.7
North Ogden	1	.7
Farr West	1	.7
Riverdale	1	.7
Kaysville	10	7.2
South Ogden	2	1.4
South Jordan	1	.7
Woods Cross	1	.7
Centerville	3	2.2
Huntsville	6	4.3
Eden	2	1.4
Mountain Green	1	.7
Taylorsville	3	2.2
Hooper	1	.7
Midvale	1	.7
Kamas	1	.7
Draper	1	.7
<i>Total</i>	<i>139</i>	<i>100.0</i>

STATE RESIDENCE = Idaho (0.70%)

	<u>Frequency</u>	<u>Percent</u>
Bosie	1	100.0

STATE RESIDENCE = California (0.70%)

	<u>Frequency</u>	<u>Percent</u>
Altadena	1	100.0

STATE RESIDENCE = Nevada (0.70%)

	<u>Frequency</u>	<u>Percent</u>
Elko	1	100.0

Residences of Bear Lake Marina**Boaters*****STATE RESIDENCE = Utah (85.38%)***

	<u>Frequency</u>	<u>Percent</u>
Logan	9	6.2
Millville	1	.7
Ogden	20	13.7
Clearfield	3	2.1
West Jordan	2	1.4
Salt Lake City	28	19.2
Sandy	8	5.5
Brigham City	2	1.4
Bountiful	5	3.4
Farmington	1	.7
Layton	6	4.1
Roy	3	2.1
Syracuse	3	2.1
West Valley	2	1.4
South Weber	1	.7
Park City	2	1.4
Magna	1	.7
Riverton	1	.7
Holladay	4	2.7
Bluffdale	1	.7
Murray	2	1.4
North Ogden	3	2.1
Hyde Park	1	.7
Wellsville	1	.7
Lehi	3	2.1
Garden City	4	2.7
Riverdale	1	.7
Kaysville	1	.7
Pleasant View	1	.7
South Ogden	1	.7
South Jordan	2	1.4
Woods Cross	1	.7
Centerville	2	1.4
Taylorsville	2	1.4
Hooper	1	.7
Morgan	1	.7
Pleasant Grove	3	2.1
Orem	3	2.1
Orangeville	1	.7
Heber	1	.7
Lindon	1	.7
Provo	3	2.1
Bear River City	1	.7
Stansbury Park	1	.7
Draper	1	.7
West Point	1	.7
<i>Total</i>	<i>146</i>	<i>100.0</i>

STATE RESIDENCE = Idaho (9.36%)

	<u>Frequency</u>	<u>Percent</u>
Fish Haven	1	6.3
Bear Lake	1	6.3
Montpiliar	4	25.0
Soda Springs	1	6.3
Blackfoot	3	18.8
Rexburg	1	6.3
Pocatello	4	25.0
Grace	1	6.3
<i>Total</i>	<i>16</i>	<i>100.0</i>

STATE RESIDENCE = Arizona (0.58%)

	<u>Frequency</u>	<u>Percent</u>
Phoenix	1	100.0

STATE RESIDENCE = California (1.17%)

	<u>Frequency</u>	<u>Percent</u>
Manhattan Beach	1	50.0
Half Moon Bay	1	50.0
<i>Total</i>	<i>2</i>	<i>100.0</i>

STATE RESIDENCE = Wyoming (2.34%)

	<u>Frequency</u>	<u>Percent</u>
Alpine	1	25.0
Big Piney	1	25.0
Star Valley	1	25.0
Kemmerer	1	25.0
<i>Total</i>	<i>4</i>	<i>100.0</i>

STATE RESIDENCE = Colorado (1.17%)

	<u>Frequency</u>	<u>Percent</u>
Denver	1	50.0
Parker	1	50.0
<i>Total</i>	<i>2</i>	<i>100.0</i>

Residences of Bear Lake Eastside**Boaters*****STATE RESIDENCE = Utah (83.87%)***

	<u>Frequency</u>	<u>Percent</u>
Logan	2	7.7
Ogden	2	7.7
Salt Lake City	5	19.2
Sandy	2	7.7
Brigham City	1	3.8
Bountiful	1	3.8
Layton	1	3.8
West Valley	2	7.7
Riverton	1	3.8
Holladay	1	3.8
Coalville	2	7.7
Lehi	1	3.8
Laketown	1	3.8
Pleasant View	1	3.8
South Jordan	1	3.8
Orem	1	3.8
Cedar Fork	1	3.8
<i>Total</i>	<i>26</i>	<i>100.0</i>

STATE RESIDENCE = Idaho (9.68%)

	<u>Frequency</u>	<u>Percent</u>
Idaho Falls	1	33.3
Montpelier	1	33.3
Pocatello	1	33.3
<i>Total</i>	<i>3</i>	<i>100.0</i>

STATE RESIDENCE = California (3.22%)

	<u>Frequency</u>	<u>Percent</u>
Sacramento	1	100.0

STATE RESIDENCE = Nevada (3.22%)

	<u>Frequency</u>	<u>Percent</u>
Las Vegas	1	100.0

APPENDIX C

ADDITIONAL COMMENTS

CODING OF OPEN-ENDED RESPONSES: HYRUM

Positive Comments: [60] 22.7%

General	[36] 60.0%
See improvements	[2] 3.3%
Park Staff	[8] 13.3%
Park facilities/services	[7] 11.7%
Lake	[2] 3.3%
Other environment	[3] 5.0%
Other	[2] 3.3%

More/Improve Facilities/Services: [110] 41.7%

Beach/swimming areas	[12] 10.9%
Camping/campsites	[5] 4.5%
Restrooms	[3] 2.7%
Ramps/launches/docks/beach landings	[20] 18.2%
Garbage/litter/cleanliness	[8] 7.3%
Parking	[3] 2.7%
Raise the lake 90 feet	[7] 6.4%
Picnic areas and grills	[2] 1.8%
Concessionaires	[5] 4.5%
Make lake bigger/add water	[37] 33.6%
Gas on lake	[1] 0.9%
Vending machine	[2] 1.8%
Buoy's in back moved up 300-400 yds.	[1] 0.9%
Open trails to bike use	[1] 0.9%
More things for kids to do	[1] 0.9%
Man made wave machine	[1] 0.9%
Sidewalk down to water at the beach	[1] 0.9%

Improve Environment: [25] 9.5%

General	[0] 0.0%
Fish/fishing	[14] 56.0%
Other	[0] 0.0%
Water level	[9] 36.0%
Check water quality	[1] 4.0%
Control wind	[1] 4.0%

Improve visitor management/information: [77] 29.2%

Increase fees	[3] 3.9%
Reduce fees	[16] 20.8%
Non boating regulations	
Alcohol	[0] 0.0%

More park staff/personnel	[1] 1.3%
More visitor information/education	[0] 0.0%
Park/state park hotline (for <i>limiting use</i> below)	[0] 0.0%
Separate uses/zoning	[2] 2.6%
No wake areas add/enforce	[2] 2.6%
No wake hours add/enforce	[2] 2.6%
Increase regulations/restrictions/licenses/education	
PWC	[4] 5.2%
General boating	[12] 15.6%
Increase rule enforcement/patrols/traffic control	
PWC	[2] 2.6%
General boating	[12] 15.6%
General PWC dislike/negative	[0] 0.0%
General boater negative (rude, inconsiderate, etc.)	[0] 0.0%
Open park earlier for fishermen	[3] 3.9%
Less management	[1] 1.3%
Fewer regulations	[1] 1.3%
Put signs up	[2] 2.6%
Park ranger can be more helpful/cheerful	[7] 9.1%
Reservation services	[3] 3.9%
Spray for bees	[1] 1.3%
Mark shallow spots/sand barges	[2] 2.6%
Leave gate open after 10 P.M./24 hours	[1] 1.3%

Use levels: [17] 6.4%

Too many people/crowded (general-not boating specific)	[0] 0.0%
Beach crowded	[0] 0.0%
Too many/limit <i>boaters</i>	[0] 0.0%
Limit boaters (general)	[4] 23.5%
Limit boaters- can't fish	[2] 11.8%
Congestion at ramps	[3] 17.6%
Respect all rights to use the reservoir	[1] 5.9%
Limit PWC	[3] 17.6%
Figure out a way to let fishermen and recreational boaters on the lake at the same time and get along ..	[1] 5.9%
Always keep it open/don't shut us off of it	[2] 11.8%
Electric counter so you know how many people there are	[1] 5.9%
Lake limits not needed/can handle more	[0] 0.0%
Not happy if turned away due to use limits	[0] 0.0%

If use is limited [0] 0.0%

Provide information before trip/hotline (general hotline above)	
Use odd/even day approach	[0] 0.0%

Allow reservations [0] 0.0%

N=264

CODING OF OPEN-ENDED RESPONSES: ECHO

Positive Comments: [47] 19.1%

General	[34] 72.3%
See improvements	[0] 0.0%
Park Staff	[9] 19.1%
Park facilities/services	[3] 6.4%
Lake	[0] 0.0%
Other environment	[0] 0.0%
Other	[0] 0.0%
Nothing has changed too much	[1] 2.1%

More/Improve Facilities/Services: [99] 40.2%

Beach/swimming areas	[4] 4.0%
Camping/campsites	[4] 4.0%
Restrooms	[6] 6.0%
Ramps/launches/docks/beach landings	[23] 23.2%
Garbage/litter/cleanliness	[8] 8.0%
Parking	[11] 11.1%
Concessionaires	[10] 10.1%
Gas on lake	[5] 5.0%
Better preparation area for boat	[1] 1.0%
Boat storage available	[1] 1.0%
Pave parking lot	[15] 15.2%
Cash booth where you pay to get in	[2] 2.0%
Water pump/drinking areas	[3] 3.0%
Porta-pottie dump	[1] 1.0%
Fire pits in camping areas	[2] 2.0%
More trees	[1] 1.0%
Check boat owner ID in the boat storage area	[1] 1.0%

Improve Environment: [24] 9.8%

General	[0] 0.0%
Fish/fishing	[11] 45.8%
Other	[0] 0.0%
Water level	[12] 50.0%
Warm it up	[1] 4.2%

Improve visitor management/information: [55] 22.4%

Increase fees	[0] 0.0%
Reduce fees	[3] 5.5%
Non boating regulations	
Alcohol	[3] 5.5%

More park staff/personnel	[0]	0.0%
More visitor information/education	[7]	12.7%
Park/state park hotline (for <i>limiting use</i> below)	[0]	0.0%
Separate uses/zoning	[1]	1.8%
No wake areas add/enforce	[0]	0.0%
No wake hours add/enforce	[0]	0.0%
Increase regulations/restrictions/lincense/education		
PWC	[5]	9.1%
General boating	[5]	9.1%
Renters	[0]	0.0%
Increase rule enforcement/patrols/traffic control		
PWC	[1]	1.8%
General boating	[8]	14.5%
General PWC dislike/negative	[0]	0.0%
General boater negative (rude, inconsiderate, etc.)	[1]	1.8%
Open park earlier for fishermen	[2]	3.6%
Leave gate open after 10 P.M./24 hours	[3]	5.5%
Lower gas prices	[1]	1.8%
Different system for the season pass	[1]	1.8%
Rangers are good	[1]	1.8%
Make it a Utah State Park ramp	[1]	1.8%
Curfew	[3]	5.5%
Better freeway access	[1]	1.8%
Limit seasonal parking	[1]	1.8%
Manage it as a fishing pond not an irrigation pond	[1]	1.8%
Rangers and management don't need to be so strict	[1]	1.8%
Take ranger off lake	[5]	9.1%

Use levels: [19] 7.7%

Too many people/crowded (general-not boating specific) [2]	10.5%
Beach crowded	[0] 0.0%
Too many/limit <i>boaters</i>	[0] 0.0%
Limit boaters (general)	[3] 15.8%
Limit boaters- can't fish	[0] 0.0%
Congestion at ramps	[4] 12.1%
Limit PWCs	[3] 15.8%
Lake limits not needed/can handle more	[2] 10.5%
Not happy if turned away due to use limits	[0] 0.0%
Keep PWCs legal/don't limit them	[2] 10.5%
Limit big boats	[1] 5.3%
Rentals/rent jet skis	[2] 10.5%
More sail boats	[1] 5.3%

If use is limited [2] 0.8%

Provide information before trip/hotline

(*general* hotline above) [2] 100.0%

Use odd/even day approach [0] 0.0%

Allow reservations [0] 0.0%

N=246

CODING OF OPEN-ENDED RESPONSES: PINEVIEW PORT

Positive Comments: [39] 15.4%

General	[22] 56.4%
See improvements	[3] 7.7%
Park Staff	[4] 10.3%
Park facilities/services	[4] 10.3%
Lake	[2] 5.1%
Other environment	[3] 7.7%
Other	[1] 2.6%

More/Improve Facilities/Services: [72] 28.5%

Beach/swimming areas	[6] 8.3%
Camping/campsites	[6] 8.3%
Restrooms	[5] 6.9%
Ramps/launches/docks/beach landings	[16] 22.2%
Garbage/litter/cleanliness	[9] 12.5%
Parking	[4] 5.6%
Concessionaires	[6] 8.3%
Gas on lake	[9] 12.5%
Upgrade pump station	[3] 4.2%
Pave day storage	[1] 1.4%
Mark the islands	[3] 4.2%
When you drain the lake, clean it	[1] 1.4%
Designated slalom/barefoot/wakeboard course	[3] 4.2%
Lights at boat wipe down area	[2] 2.8%
Red out "No parking zone"	[1] 1.4%
Volleyball courts	[1] 1.4%
Bike ramps off dock	[1] 1.4%
Don't develop it with condos, etc.	[1] 1.4%

Improve Environment: [39] 15.4%

General	[0] 0.0%
Fish/fishing	[22] 56.4%
Other	[0] 0.0%
Water level	[15] 38.5%
Check water quality	[2] 5.1%

Improve visitor management/information: [71] 28.1%

Increase fees	[1] 1.4%
Reduce fees	[6] 8.5%
Non boating regulations	
Alcohol	[3] 4.2%

More park staff/personnel	[0]	0.0%
More visitor information/education	[2]	2.8%
Park/state park hotline (for <i>limiting use</i> below)	[0]	0.0%
Separate uses/zoning	[2]	2.8%
No wake areas add/enforce	[3]	4.2%
No wake hours add/enforce	[0]	0.0%
Increase regulations/restrictions/lincense/education		
PWC	[5]	7.0%
General boating	[4]	5.6%
Renters	[0]	0.0%
Increase rule enforcement/patrols/traffic control		
PWC	[1]	1.4%
General boating	[9]	12.7%
General PWC dislike/negative	[0]	0.0%
General boater negative (rude, inconsiderate, etc.)	[0]	0.0%
Someone always directing traffic	[1]	1.4%
Put money back into park facilities	[3]	4.2%
Nicer/different people that work here	[9]	12.7%
Different system for the season pass	[4]	5.6%
Some policies are too strict	[1]	1.4%
Season passes available for non-boaters	[1]	1.4%
Utah State Park pass accepted	[11]	15.5%
Should not be privately managed	[1]	1.4%
Hourly or half day pass available	[1]	1.4%
Beach patrol on littering	[2]	2.8%
Leave prices the way they are	[1]	1.4%

Use levels: [24] 9.5%

Too many people/crowded (general-not boating specific) [0] 0.0%	
Beach crowded [0] 0.0%	
Too many/limit <i>boaters</i> [0] 0.0%	
Limit boaters (general) [8] 33.3%	
Limit boaters- can't fish [1] 4.2%	
Congestion at ramps [1] 4.2%	
Limit PWC [5] 20.8%	
Lake limits not needed/can handle more [0] 0.0%	
Not happy if turned away due to use limits [0] 0.0%	
Don't over regulate [1] 4.2%	
Lake limits not needed/can handle more [1] 4.2%	
Let usage control itself [1] 4.2%	
We go on weekdays/avoid crowds [4] 16.7%	
Let's all share and get along [1] 4.2%	
Limit big boats [1] 4.2%	

If use is limited [8] 3.2%

Provide information before trip/hotline

(*general* hotline above) [2] 25.0%
Use odd/even day approach [2] 25.0%
Allow reservations [0] 0.0%
No wake time limit approach [2] 25.0%
If limited we would go someplace else [1] 12.5%
Cougar permit approach [1] 12.5%

N=253

CODING OF OPEN-ENDED RESPONSES: PINEVIEW BLUFF

Positive Comments: [33] 15.6%

General	[17] 51.5%
See improvements	[2] 6.1%
Park Staff	[3] 9.1%
Park facilities/services	[7] 21.2%
Lake	[0] 0.0%
Other environment	[3] 9.1%
Other	[1] 3.3%

More/Improve Facilities/Services: [94] 44.5%

Beach/swimming areas	[4] 4.3%
Camping/campsites	[9] 9.6%
Restrooms	[23] 24.5%
Ramps/launches/docks/beach landings	[8] 8.5%
Garbage/litter/cleanliness	[11] 11.7%
Parking	[2] 2.1%
Concessionaires	[11] 11.7%
Gas on lake	[8] 8.5%
Another Marina	[1] 1.1%
Mark the islands/shallow areas	[1] 1.1%
Don't develop it with condos, etc.	[1] 1.1%
Available showers	[6] 6.4%
Stairs on the beach	[1] 1.1%
Boat storage available	[1] 1.1%
Get rid of buoys	[1] 1.1%
Increase day use areas	[1] 1.1%
Add a rope swing	[1] 1.1%
Dressing rooms	[1] 1.1%
Dog access	[2] 2.1%
Hold wakeboard competition here	[1] 1.1%

Improve Environment: [15] 7.1%

General	[0] 0.0%
Fish/fishing	[4] 26.7%
Other	[0] 0.0%
Water level	[7] 46.7%
Check water quality	[3] 20%
Bugs	[1] 6.7%

Improve visitor management/information: [50] 23.7%

Increase fees	[0] 0.0%
---------------	----------

Reduce fees [10] 20%

Non boating regulations

Alcohol [0] 0.0%

More park staff/personnel [0] 0.0%

More visitor information/education [3] 6.0%

Park/state park hotline (for *limiting use* below) [0] 0.0%

Separate uses/zoning [0] 0.0%

No wake areas add/enforce [1] 2.0%

No wake hours add/enforce [0] 0.0%

Increase regulations/restrictions/licenses/education

PWC [1] 2.0%

General boating [11] 22.0%

Renters [0] 0.0%

Increase rule enforcement/patrols/traffic control

PWC [0] 0.0%

General boating [7] 14.0%

General PWC dislike/negative [0] 0.0%

General boater negative (rude, inconsiderate, etc.) [0] 0.0%

Park ranger can be more helpful/cheerful/nicer [2] 4.0%

Put money back into park facilities [1] 2.0%

Nicer/different people that work here [5] 10.0%

Different system for the season pass [1] 2.0%

Utah State Park pass accepted [4] 8.0%

Make it a Utah State Park ramp [1] 2.0%

Recognize the same holiday as State Parks [1] 2.0%

Speed limits [1] 2.0%

Use levels: [18] 8.5%

Too many people/crowded (general-not boating specific) [0] 0.0%

Beach crowded [0] 0.0%

Too many/limit *boaters* [0] 0.0%

Limit boaters (general) [9] 50.0%

Limit boaters- can't fish [0] 0.0%

Congestion at ramps [1] 5.6%

Limit PWCs [3] 16.7%

Lake limits not needed/can handle more [0] 0.0%

Not happy if turned away due to use limits [0] 0.0%

Keep PWCs legal/don't limit them [3] 16.7%

We go on weekdays/avoid crowds [1] 5.6%

Let's all share and get along [1] 5.6%

<u>If use is limited</u>	[1] 0.5%
Provide information before trip/hotline	
(<i>general</i> hotline above)	[0] 0.0%
Use odd/even day approach	[0] 0.0%
Allow reservations	[0] 0.0%
Alternating boating, PWC, and fishing days	[1] 100.0%

N=211

CODING OF OPEN-ENDED RESPONSES: BEAR LAKE MARINA

Positive Comments: [55] 19.0%

General	[32] 58.2%
See improvements	[3] 5.5%
Park Staff	[8] 14.5%
Park facilities/services	[6] 10.9%
Lake	[2] 3.6%
Other environment	[2] 3.6%
Other	[1] 1.8%
Inexpensive	[1] 1.8%

More/Improve Facilities/Services: [139] 47.9%

Beach/swimming areas	[6] 4.3%
Camping/campsites	[7] 5.0%
Restrooms	[3] 2.2%
Ramps/launches/docks/beach landings	[29] 20.9%
Garbage/litter/cleanliness	[12] 8.6%
Parking	[24] 17.3%
Concessionaires	[1] 0.7%
Gas on lake	[1] 0.7%
Vending machine	[1] 0.7%
Another Marina	[24] 17.3%
Wind sock in marina	[1] 0.7%
Develop Eastside	[7] 5.0%
More slips	[9] 6.5%
More places to sit	[1] 0.7%
Stair case going to overflow parking	[1] 0.7%
Cross walk across main highway road	[1] 0.7%
Bigger marina	[3] 2.2%
Move rocks	[1] 0.7%
Better preparation area for boat	[2] 1.4%
Two different set ups on the ramp for launching and pulling out for pulling boats out	[3] 2.2%
Better roads	[2] 1.4%

Improve Environment: [32] 16.2%

General	[0] 0.0%
Fish/fishing	[3] 9.4%
Other	[1] 3.1%
Water level	[21] 65.6%
Control wind	[1] 3.1%
Take Utah Power and Light out	[2] 6.3%

Warm it up	[1]	3.1%
Don't dredge the lake	[3]	9.4%

Improve visitor management/information: [47] 16.2%

Increase fees	[1]	2.1%
Reduce fees	[5]	10.6%
Non boating regulations		
Alcohol	[0]	0.0%
More park staff/personnel	[0]	0.0%
More visitor information/education	[3]	6.4%
Park/state park hotline (for <i>limiting use</i> below)	[0]	0.0%
Separate uses/zoning	[1]	2.1%
No wake areas add/enforce	[1]	2.1%
No wake hours add/enforce	[0]	0.0%
Increase regulations/restrictions/lincense/education		
PWC	[4]	8.5%
General boating	[3]	6.4%
Renters	[3]	6.4%
Increase rule enforcement/patrols/traffic control		
PWC	[2]	4.3%
General boating	[6]	12.8%
General PWC dislike/negative	[0]	0.0%
General boater negative (rude, inconsiderate, etc.)	[0]	0.0%
Leave gate open after 10 P.M./24 hours	[1]	2.1%
Rewrite the Bear Lake Compact	[1]	2.1%
Mismanaged	[1]	2.1%
Lower gas prices	[3]	6.4%
Someone always directing traffic	[5]	10.6%
Put money back into park facilities	[1]	2.1%
Reservation services	[3]	6.4%
Give residences preference	[1]	2.1%
Put a noise ordinance	[1]	2.1%
Fewer restrictions	[1]	2.1%

Use levels: [16] 5.5%

Too many people/crowded (general-not boating specific)	[0]	0.0%
Beach crowded	[0]	0.0%
Too many/limit <i>boaters</i>	[0]	0.0%
Limit boaters (general)	[0]	0.0%
Limit boaters- can't fish	[0]	0.0%
Congestion at ramps	[5]	31.3%
Keep PWCs legal/don't limit them	[2]	12.5%
It isn't used	[1]	6.3%

We don't come on Weekends	[1] 6.3%
Don't over regulate	[3] 18.8%
Limit PWCs	[1] 6.3%
PWCs are more accessible here	[1] 6.3%
Hate to see them regulate the number of boats	[2] 12.5%

If use is limited [1] 0.3%

Provide information before trip/hotline (<i>general</i> hotline above)	
Use odd/even day approach	[0] 0.0%
Allow reservations	[0] 0.0%
Put out warnings	[1] 100.0%

N=290

CODING OF OPEN-ENDED RESPONSES: BEAR LAKE EASTSIDE

Positive Comments: [11] 25.6%

General	[9] 81.8%
See improvements	[1] 0.0%
Park Staff	[0] 0.0%
Park facilities/services	[0] 0.0%
Lake	[0] 0.0%
Other environment	[0] 0.0%
Other	[0] 0.0%
Clean/neat	[1] 0.0%

More/Improve Facilities/Services: [21] 48.8%

Beach/swimming areas	[2] 9.5%
Camping/campsites	[1] 4.8%
Restrooms	[0] 0.0%
Ramps/launches/docks/beach landings	[10] 47.6%
Garbage/litter/cleanliness	[0] 0.0%
Parking	[0] 0.0%
Another Marina	[1] 4.8%
Develop Eastside	[5] 23.8%
More slips	[1] 4.8%
More entertainment facilities	[1] 4.8%

Improve Environment: [6] 14.0%

General	[0] 0.0%
Fish/fishing	[0] 0.0%
Other	[0] 0.0%
Water level	[6] 100.0%

Improve visitor management/information: [5] 11.6%

Increase fees	[0] 0.0%
Reduce fees	[0] 0.0%
Non boating regulations	
Alcohol	[0] 0.0%
More park staff/personnel	[0] 0.0%
More visitor information/education	[1] 20.0%
Park/state park hotline (for <i>limiting use</i> below)	[0] 0.0%
Separate uses/zoning	[0] 0.0%
No wake areas add/enforce	[0] 0.0%
No wake hours add/enforce	[0] 0.0%
Increase regulations/restrictions/lincense/education	
PWC	[0] 0.0%

General boating	[0] 0.0%
Renters	[0] 0.0%
Increase rule enforcement/patrols/traffic control	
PWC	[0] 0.0%
General boating	[0] 0.0%
General PWC dislike/negative	[0] 0.0%
General boater negative (rude, inconsiderate, etc.)	[0] 0.0%
Park ranger can be more helpful/cheerful/nicer	[1] 20.0%
Put money back into park facilities	[1] 20.0%
Fewer restrictions	[1] 20.0%
Provide a baggy with infraction ticket	[1] 20.0%
<u>Use levels:</u>	[0] 0.0%
Too many people/crowded (general-not boating specific)	[0] 0.0%
Beach crowded	[0] 0.0%
Too many/limit <i>boaters</i>	[0] 0.0%
Limit boaters (general)	[0] 0.0%
Limit boaters- can't fish	[0] 0.0%
Congestion at ramps	[0] 0.0%
Lake limits not needed/can handle more	[0] 0.0%
Not happy if turned away due to use limits	[0] 0.0%
<u>If use is limited</u>	[0] 0.0%
Provide information before trip/hotline (<i>general</i> hotline above)	
Use odd/even day approach	[0] 0.0%
Allow reservations	[0] 0.0%

N=43

1 **2001 STATE PARK BOATER INTERCEPT SURVEY**
2 **Additional Comments or Recommendations for Future Management**

3 **HYRUM RESERVOIR**

4 (H525001) When its really busy have someone direct traffic. When its really busy you can only put
5 three boats unloading and loading and that is what makes me mad is when I can't
6 unload and load easily and get in and out.

7 (H525003) Don't put this sucker up 90 feet more. Leave it the way it is. A small well kept secret,
8 clean, quiet.

9 (H525004) Way too slow putting the dock in. Could have put it in earlier in the year.

10 (H525005) We've been pretty happy so far.

11 (H525006) They do a real good job.

12 (H525007) Actually be there when I get there. Nobody's ticketed the truck, and I haven't even
13 shown anyone my card. I wouldn't want an accidental ticket. Someone actually
14 patrolling the lake.

15 (H525008) Don't let little cars park in these big parking lots (for trucks and trailers). Would have
16 been nice to buy a pass earlier.

17 (H525009) Need garbage cans where they know bait fishermen sit on shorelines because they can
18 be slob. Water skiers should have courtesy enough to stay away from fishermen.

19 (H525010) Its good.

20 (H525011) They do a good job. Just don't do anything to make the bass go away.

21 (H525012) Special consideration for bass people. Open at 5 A.M. Open just a little earlier.
22 Concession stand and rental docks.

23 (H531001) Wish Hyrum State patrol officials would enforce the laws of boating. If that law
24 enforcement boat was sitting in the middle of the lake, there wouldn't be any boats
25 coming within 150 ft. of our boat and people would obey the law.

26 (H531002) Sell beer. More wakeless zones. More wakeless further out from the dock.

1 (H531003) They do a pretty good job for the most part. Everybody ought to learn the rules and
2 regulations of the lake and boating rules.

3 (H531004) If they raise the dam 90 ft. it will be different.

4 (H531005) Have a discount for year pass on camping and so forth.

5 (H531006) Cheaper prices.

6 (H531007) Everything is pretty good. Another dock.

7 (H531008) Water has already dropped 10 ft. and I think they should figure out a way that they
8 wouldn't have to drop it.

9 (H531012) Set "no wake" hours. Ex.: Can't start waterskiers until 10 A.M. Or set every other
10 day. Waterskiers don't care about fishermen.

11 (H531014) Stupid that you have to pay \$3 to go swim on the beach area if you don't drive down
12 and you walk down.

13 (H531015) We hope it stays open so we can come out and play around. It is so convenient.

14 (H531018) Make it bigger. Put a dam up.

15 (H531019) Make it a bigger lake. Put a limit on boats.

16 (H531020) Cheaper rate.

17 (H531021) In favor of expanding the dam. They do a good job here. Its pretty clean.

18 (H606001) Catch and release on the bass or a slot limit on bass. Give fishermen a discount so they
19 don't have to pay \$5. We buy licenses so the money could go to a pass.

20 (H606002) Get people to go the right way. They don't understand counter-clockwise.

21 (H606003) Block off no speeding allowed areas. Make it a catch and release lake. Good fertile
22 lake. Release everything over a certain number of pounds.

23 (H606007) I'm pretty satisfied with Hyrum.

1 (H606009) Keep prices down. We already pay taxes and there really isn't a need to raise the
2 price. If they raised it to \$10 that would really limit use.

3 (H606010) Fewer management is always better. Education for people and we can all work
4 together. Fewer regulations. More education. Respect all rights to use the reservoir.

5 (H606011) Limit jet skiers. Catch and release fishing. Limit on bass... 2.

6 (H606013) Floating docks. Dock by ramp. Jet skiers should have a reminder sign to be nice to the
7 fishermen. Put signs up.

8 (H618001) We love this place. Wish they had fire pits for each of the campsites. Nice place to
9 come.

10 (H618002) Jet skis need to be a little more restricted and they get a little dangerous and it creates
11 problems.

12 (H618003) Keep it the way that it is. It's a nice little park really.

13 (H618004) I like the way they fixed it up over by picnic and camping areas. Just keep doing that.
14 More that 15 boats and it get too dangerous.

15 (H624001) Low water, lower rates.

16 (H624002) Cop needs to be more cheerful. Park rangers need to be pleasing and not a cocky
17 attitude. Helping boaters instead of educating them. Add more water and have fun.

18 (H624005) Jet skis you have to watch a lot more. Figure out a way to let fishermen come and
19 recreation people come. Tell the people the rules. Sixteen years old to drive a boat.
20 Concessionaires.

21 (H624009) Make sure they move out when they pull up the ramp. Put up a sign.

22 (H624011) Inconsistency of those who have made arrangements of camping site. Made
23 arrangements 3 months ago. \$6 charge for any changes. Local management couldn't
24 keep reservations straight. Rented out one of our spots. Not very organized. No
25 hookups when they told us that there would be some. Bad communications. We were
26 told full hookups. No dump facilities. There should be a way to make group
27 reservations easier. Consistent rules at every state park. Make reservations with the
28 direct park.

- 1 (H624012) Put electricity in the campground. We would be willing to pay higher. Fix the bathroom.
2 Leave water in lake for recreation.
- 3 (H624013) Make state pass for disabled people that qualify for a federal one.
- 4 (H624014) Bigger lake. More picnic sites on south shores.
- 5 (H240015) Rangers need to calm down a bit. Get every boat to go the same direction.
- 6 (H624016) More water. Its going down pretty fast. Not enough parking. More docks. We love it.
7 People who manage it do it nicely. Don't shut us off. People work here are great.
- 8 (H624017) I loved it every time. When out and boat breaks down, that is the only time we hate it.
- 9 (H624018) Charge per boat instead of a flat rate.
- 10 (H624019) Its nice. Fewer boats.
- 11 (H624020) Patrol a little more.
- 12 (H624021) Put a Tab machine up here. Pick up burrs off beach.
- 13 (H624022) Get logs out of the water.
- 14 (H624023) Make it bigger. It's a pretty nice place.
- 15 (H624024) They are doing a good job.
- 16 (H624025) Always keep this place open. Have a fuel tank somewhere.
- 17 (H624026) Get rid of jet skiers.
- 18 (H624027) Build a bigger parking lot. If the boaters want to complain about the jet skiers get them
19 out of here and give them a separate lake. Get the cop out of the truck and get him on
20 the water and start patrolling.
- 21 (H624028) Concessions would be nice. Vending machine. No tax on boating gas.
- 22 (H630002) Little less rocks on beach. Clean up the broken glass.
23
- 24 (H630003) Just make sure people understand rules to be courteous.

- 1 (H630004) I don't think so. Most people are pretty good. Up fee and buy the farmers out. Keep
2 planting more trout.
- 3 (H630005) Law enforcement should enforce safety rules and regulations.
- 4 (H630006) More picnic facilities and grills.
- 5 (H630007) Tell water skiers to obey the law.
- 6 (H630008) Buy more bass.
- 7 (H630009) Want it bigger. Rangers need to be available. They wouldn't tow us into the dock from
8 the lake when our boat broke down after we specifically asked them for it.
- 9 (H630010) Needs to be a ranger monitoring. Dock, rules, regulations. Someone watching the dock
10 and the ramp.
- 11 (H630012) Rules where jet skis had to be like boats. Make them go counter-clockwise. Watch
12 lake from here and more patrolling.
- 13 (H630013) Check water quality on lake. Fish are pulled away from the bank. Too much movement
14 on the lake.
- 15 (H630014) I like the way its run.
- 16 (H630016) Hyrum's doing it right.
- 17 (H630017) Keep it clean. Keep water in there. Have a jet ski area. Electronic counter for how
18 many boats are on the lake so that you can see how many people there are.
- 19 (H630018) Expand it. More water. Concession stand.
- 20 (H630019) Want someone to open the gate about 5 A.M. Reduce the number of boats on the
21 water. Move buoy's back 300- 400 yards so fishermen can fish.
- 22 (H630021) Extend the lake. Keep the water in it. Increase the size.
- 23 (H630022) Sandy beaches. Get rid of rocks. Get more people here if you did that.
- 24 (H630023) Make it bigger. More patrolling on the lake.

- 1 (H713001) Spray for bees by the garbage. Extend boating ramp.
- 2 (H713002) Doing a good job.
- 3 (H713003) Make it catch and release on large mouth bass.
- 4 (H713004) Rake the beaches. Pick up garbage. Limit irrigation water.
- 5 (H713005) Clean up the beaches.
- 6 (H713006) We hit a sand barge. Need to mark them.
- 7 (H713007) Don't want them to raise the water. Too much money and we own property on it.
- 8 (H713008) Doing a dang good job.
- 9 (H713009) Clean up beach. Dock boat at beach area.
- 10 (H713010) Jet ski class. New rangers.
- 11 (H713011) Nice park. You do a nice job. Very well kept. Pull dock up to shore little earlier in
12 season.
- 13 (H713013) Clean the beach. We're happy.
- 14 (H713014) Don't raise the price. Save the water. Keep water level up.
- 15 (H713015) Number system. Ban jet skis. Allow water races on snowmobiles once a year. Get rid
16 of rangers that don't do anything and I have no use for them. All they do is sit there and
17 watch you fight with jet skiers. Glad to see they have a new dock. People living next to
18 lake should not be able to launch their boats because they have property. Monitor dock
19 time. Enforce it. Snowmobiling should be allowed. Clean up the beach. Make it bigger.
20 Lower prices for Hyrum residences.
- 21 (H713020) Store more water. Plant sand. Clean beach.
- 22 (H713021) Control the wind.
- 23 (H713023) Come a long way since we've come here last. Lengthen the ramp.
- 24 (H719001) They're doing a good job. Plant more fish.

1 (H719002) Restroom doesn't work. They do a good job. Ran out of ramp today.

2 (H719003) Put good trout in there. We would stay in Utah if it was good fishing.

3 (H719006) Need to open the gate earlier. Like 5:30 A.M. That is best fishing time.

4 (H719007) It's a pretty good secret right now. We need more water in the lake.

5 (H719009) Not so stinking expensive. Quit draining it. Mark where the lake is low.

6 (H719010) Patrol lake more. Make them stick to the rules.

7 (H719012) More water.

8 (H719013) Ramp so it's the same on both sides. Farmers shouldn't take all the water.

9 (H724001) Put garbage cans along the beach. It was fun. Bring in some sand.

10 (H724003) Paint "No Parking" on top of ramp. Open trail to bike use.

11 (H724004) They do a good job.

12 (H724005) Never have a restriction when I come here. If you are already with a party charge us
13 \$3 not \$5 to get in.

14 (H724007) Wave runners should be banned. They have no sense of direction.

15 (H724008) I think they do a good job. Wave runners need a safety education course.

16 (H724009) Leave the water in it.

17 (H724011) Raise it up.

18 (H724014) Make lake 90 ft. deeper.

19 (H724015) More water. They do a good job. Keep it up.

20 (H724017) Its great. Extend the ramp on both sides.

21 (H724020) Raise lake another mile. Have more things for kids to do, ex.: waterslide. Concessions.

1 (H724023) Add more water. Nice little place.

2 (H724026) More water. Great job. Patrolman really nice. Nice facilities.

3 (H724027) No need to write out ticket to a 10 year old girl swimming off the dock when skiers and
4 wave runners are out there breaking the law.

5 (H724028) More water. Make it bigger.

6 (H724029) Make it bigger. Make surface area five times bigger.

7 (H724030) Get the park ranger to smile.

8 (H725002) They're doing a good job. Limit the number of boats. Limit wave runners.

9 (H725004) They're doing a wonderful job.

10 (H725005) A lot better than it was 48 years ago.

11 (H725006) I think its good.

12 (H725007) Ramp a little longer. Sandy beach.

13 (H725009) Raise it. More dock space.

14 (H725010) Make it longer rather than higher.

15 (H731003) Keep up the good work.

16 (H731005) Doing a good job. Bigger fish.

17 (H731006) Doing a great job with their dock. For old men that just want to say "Hi", don't make
18 them pay.

19 (H731007) Lower entrance fee.

20 (H806003) Doing a good job.

21 (H806004) Doing a great job. We love this place.

22 (H806005) More water access in the campground. Water facets that stay on in the bathroom.

1 (H806006) Don't make us pay. New staff.

2 (H806010) It's a pretty good place.

3 (H812001) Better boat ramp.

4 (H812002) Fee structure is too high. \$5 is high for what they have to offer. Overcharging. Clean
5 and kept nice but fee structure is wrong.

6 (H812004) Managed pretty well. Water is down a bit.

7 (H812005) It would be nice if there was a time limit from 8 P.M. to 10 A.M. that was for just
8 fishermen. Plant bass and manage them. Need to manage the bass. Rangers need to do
9 their job. Leave the branches on the log so that they can see them.

10 (H812007) Plant bigger fish.

11 (H812008) If we tic anyone off, we'd like to know about it.

12 (H812009) Gate leave open after 10 P.M. so if you need something you can get it. You can't get it
13 now because its locked. No dogs allowed.

14 (H812011) Snack shop here. Man made wave machine.

15 (H818001) Its been good.

16 (H818002) Don't let it go under contract like the federal parks. Keep it state park managed.

17 (H818005) Two days a week where speed boats aren't allowed so fishermen can fish. Wakeless
18 speeds only. Good facility. Improve the ramp.

19 (H818006) Needs to be a better beach. A volleyball court.

20 (H818007) Pray for rain.

21 (H818008) Water is too low. Complement you on how the restrooms look.

22 (H818009) More water.

23 (H818010) Should have told us that we could only put one tent in a campsite. Don't put a limit on
24 the number of tents.

- 1 (H818012) Pretty nice little lake.
- 2 (H818013) Make it deeper. Put a sidewalk down to the water at the beach area.
- 3 (H818014) Retain the water. We like it. Nice area.
- 4 (H818015) Need more water. Don't let farmers take all the water.
- 5 (H818016) Water is too low. No more water left. Walk in for free.
- 6 (H818017) Make light go out by bathrooms during the night. Electrical hookups in campgrounds.
- 7 (H818018) Don't let out so much water.
- 8 (H818019) Raise the water level.
- 9 (H818022) Dock at the beaches. Do a good job. Let more water in the lake.
- 10
- 11 (H818023) Fix boat ramp.
- 12 (H818024) Its good.

13 **ECHO RESERVOIR**

- 14 (E528001) More boat trailer parking. I like the way they run it. They are laid back. More parking.
- 15 (E528002) They do a fine job.
- 16 (E528003) Clean up the restrooms on South Beach.
- 17 (E528004) Needs to be cleaned up a little bit. Little more space to go boating.
- 18 (E528007) Security on under age drinking.
- 19 (E528008) Do a good job. Weber river sucks because they drain our water every year.
- 20 (E528009) First time here we didn't understand where to go and staff was rude.
- 21 (E528010) Was really surprised that it was crowded.

- 1 (E528011) Keep fish police off. Have curfew midnight for parties or later. Cheaper gas. We love
2 Echo and we have a great time here.
- 3 (E528012) They are very good to us. Get rid of the chain gates.
- 4 (E528013) Put speed signs up by campsites. More trash cans. Cut music down. Trash cans that
5 are accessible out and about. Empty the trash cans and dumpsters. Time limit on music.
- 6 (E528014) More water.
- 7 (E528015) If they limit I think we should be able to call ahead and make reservations.
- 8 (E528017) They do a good job.
- 9 (E528019) They need a bar.
- 10 (E528021) Everything is fine. We like it.
- 11 (E528023) They need to require people to go to school, just like for hunter safety.
- 12 (E528024) Outlaw jet skies.
- 13 (E528025) Keep inconsiderate boaters from parking at the top of the ramp.
- 14 (E528026) Garbage need to be emptied. Blacktop the parking lot. Modernize the store. Widen the
15 ramp.
- 16 (E528027) More sailboats.
- 17 (E528029) Doing a good job.
- 18 (E528030) I like what you are doing here. No changes.
- 19 (E528032) Have gas pumps by ramps and be able to gas up when they're on the water. Floating
20 docks with gas. More boating supplies in the shop. Permanent people complain about
21 us using the power boxes and we have the right to use it. No reason for them to
22 complain.
- 23 (E528034) They need a better place to eat. Sell beer cheaper. Don't close the gate at 3:30.

- 1 (E603002) Clean up area. New facilities. Move freeway out of the way and put lake all the way
2 across. People trash the beaches. More garbage cans.
- 3 (E603003) Don't ban jet skiing.
- 4 (E603004) Put a ramp at South Beach.
- 5 (E603005) I think they are running it right.
- 6 (E603008) More fish. More camping facilities.
- 7 (E603009) Very wonderful resort. Please don't eliminate.
- 8 (E603010) Cheaper beer by the can. Pleased with what they do. No rangers.
- 9 (E603012) We like how you can party and do stuff. Most other places would boot you out at 10
10 P.M. Management was real decent.
- 11 (E603013) Managed just fine.
- 12 (E609002) Free beer.
- 13 (E609003) I think you guys are doing a good job.
- 14 (E609004) I think the place does a pretty good job.
- 15 (E609005) Managed more as an irrigation pond instead of a fishing pond. It should be managed as
16 a fishing pond.
- 17 (E609006) Post signs and rules on parking. More parking.
- 18 (E609007) Stock the store with stuff, ex...: diapers, etc. Like a mini mart.
- 19 (E609008) Bring in 20 truck loads of sand and dump it.
- 20 (E609010) Need more dock space. Leave it like it is.
- 21 (E609011) Cash booth where you pay to get in.
- 22 (E609012) More fish.

- 1 (E609013) Need another ramp. More access to water on beaches.
- 2 (E609014) We had a good experience. We had a good time.
- 3 (E609015) Don't stop on loading docks. People need to be courteous. Gals that run resort do a
4 real good job.
- 5 (E609017) It's a clean well kept place.
- 6 (E609021) Get somebody here on weekends so you can fish before the tournament.
- 7 (E609022) Get gate open earlier. I like to go fishing early. Buy a seasonal permit.
- 8 (E609023) Pretty cramped on parking. Not enough parking. Its enjoyable. Ramps are cramped.
9 Rude people around.
- 10 (E609024) Price list out on front gate so you know how much to pay. Everybody got charged
11 different. Need more ramp space for loading and unloading. Keep it a secret.
- 12 (E609025) Don't feed the fish at night so they'll bite the next day.
- 13 (E609026) Better overall layout. Parking. Boat ramp.
- 14 (E609027) The gate open 24 hours a day and if no one is here have a drop box like the state does.
- 15 (E609028) More fish management. Regulate level of the lake.
- 16 (E609029) We only caught 3 fish this year and usually we catch tons more.
- 17 (E609030) Don't drain the lake anymore. When they drain the lake they kill all the fish off.
18 Hamburgers are really expensive. Fries were cold.
- 19 (E609033) Want the ranger out here. Put more fish in the lake. Three people on the ramp at one
20 time, not one.
- 21 (E609034) Pave parking. More camping. Better facilities. Keep water in it.
- 22 (E609036) Ran out of bottled water. Really dusty and muddy around here from the road. Could be
23 paved. There needs to be a nice place to park for unloading and loading.
- 24 (E609037) Pave the whole thing. Nothing super fancy.

- 1 (E609038) More parking.
- 2 (E609039) Make big burgers. Not as much fishing around. Better docks. Sobriety check points.
- 3 (E615001) Protect launch ramp from wind.
- 4 (E621001) Boat docks are 4-5 feet in the water. Boat docks on both sides of ramp. No swimming
5 off the dock area. Enforce dock area. Improve beach or build some type of temporary
6 dock. Dump some nice sand. Like the public area. Very nice.
- 7 (E621002) Rent jet skis. Water pumps for access of water.
- 8 (E621003) Pave the road.
- 9 (E621004) Picnic tables down at the campsite. Another dock down by the campgrounds.
- 10 (E621005) Dumpsters get too full and smell. Docks are way too small. Pave it. Weeds around the
11 dock.
- 12 (E621006) More docking space. More parking space. Limit seasonal parking.
- 13 (E621007) Think you guys are doing a good job.
- 14 (E621008) Pave the road.
- 15 (E621009) Get rid of cotton, but keep the trees. More dock area. Only crowding is what really
16 bothers us. Figure something out to get rid of crowding.
- 17 (E621010) Limit number of boaters. Make sure teenagers are supervised. PWCs limited. Drinkers
18 prohibited.
- 19 (E621011) Sounds like you got everything.
- 20 (E621012) Water could have been warmer.
- 21 (E627001) Nothing has changed too much.
- 22 (E627002) \$6 to park is ridiculous. Parking lots are all gravel. More boat ramps than one.
- 23 (E627003) Keep it like it is.

- 1 (E627004) More fish in the lake. Bigger boat ramp. Another ramp at the South Beach. Bigger
2 parking lot. Pave it. Bigger and more room at South Beach.
- 3 (E703001) Don't let the state in here. Rangers out.
- 4 (E703004) Port-a-potty dump. An area for a wakeboard course. Roped off swimming area.
- 5 (E703005) Big dock in the middle of the lake.
- 6 (E703006) I thought it was excellent.
- 7 (E703008) We've thoroughly enjoyed it.
- 8 (E703009) It's a lovely lake. I like the dressing rooms.
- 9 (E716001) Its great.
- 10 (E716002) Public lake its not private. \$6 is too much.
- 11 (E716003) Make campers conformed more to policy.
- 12 (E716004) Another bathroom. Another ramp at South Beach. More sand on the beach.
- 13 (E716005) More running water. Update facilities. Gas on the lake available.
- 14 (E722001) Require all PWCs owners/operators to take a course so that they can learn how to
15 drive one of them.
- 16 (E722002) Signs in the parking lot. Gets out of control in here.
- 17 (E722003) Its pretty nice up here. Rangers don't need to be so strict. Same with management.
- 18 (E722005) Blacktop this area. Concessions area needs to be upgraded. Picnic area with tables.
- 19 (E722006) Fire pits in camping area.
- 20 (E722007) Need faucet or drinking fountain.
- 21 (E722009) We want to get on waiting list for beach side property. Smile a little bit more.
- 22 (E722010) Need to enforce ten o'clock rule. They do a great job.

- 1 (E722012) I really enjoyed it today. It really wasn't crowded. I was surprised that it wasn't
2 crowded.
- 3 (E722013) I enjoy it just the way it is.
- 4 (E722014) Five star hotel and put it across the road. Tell people what they need to have a fire
5 when they come in.
- 6 (E722017) We like it here. Keep it privately owned.
- 7 (E722018) We have a good time every time. Blacktop it.
- 8 (E722020) Keep big boats off and numbers down.
- 9 (E722021) Less wave runners. They should be handed a set of rules.
- 10 (E722022) Everyone that drives boat or watercraft need to take a class.
- 11 (E722023) Its cool.
- 12 (E722024) Closer bathroom. Locksmith close by.
- 13 (E722025) Kick ranger off and police it themselves. Storage for boats. Fuel on the lake.
- 14 (E722026) We really enjoy coming here.
- 15 (E722027) Don't drain it. Stock bigger fish. Keep fees low.
- 16 (E722028) Asphalt. I like it here.
- 17 (E722029) Signs up so that you know where you're going. Blacktop.
- 18 (E722030) Need to have rentals here.
- 19 (E722031) Better freeway access.
- 20 (E722033) Educate people on wave runners. Boater education.
- 21 (E722034) Keep rangers off.
- 22 (E728001) Early this morning didn't know where to pay.

- 1 (E728003) Accessible gas on the lake. Better office system and store.
- 2 (E728004) We like the campfires. PWCs program should be extended to boats also. Gas on the
3 water. Extend ramp on water. We love it here.
- 4 (E728005) Plant fish. Don't allow white trash.
- 5 (E728008) Keep it up. Good work. First class operation.
- 6 (E728009) Watch age of kids that drive the wave runners.
- 7 (E728010) Have a place where you can get everything together and wipe down.
- 8 (E728011) Wider ramp. More ramp help/direction of traffic.
- 9 (E728012) More parking. Put in another dock. Person regulation/enforcing the dock.
- 10 (E728013) More tickets given out. Under age PWCs. People too close.
- 11 (E728014) Improve parking. Limit on boats. Rope off area for wave runners. Any body driving a
12 boat should take a U.S. Coast Guard boating safety course.
- 13 (E728015) More organized parking. Bigger ramp and another ramp.
- 14 (E728016) No smoking in the bathroom. Enforce curfew at 10 P.M.
- 15 (E728018) Increase size of parking lot. Stop allowing cars parked where trailers should park.
16 Direction help on ramp. Widening the ramp. Clean up the garbage and old trucks and
17 make this bigger.
- 18 (E728019) Leave jet skiers alone. Keep it a private lake.
- 19 (E803001) Keep it up.
- 20 (E803002) More water.
- 21 (E803003) State ought to come in and take it over. Enforce dogs on leashes law.
- 22 (E803004) Have a phone number to call ahead to the limitations.
- 23 (E803005) Enforce jet ski laws and type of people that come in.

- 1 (E809002) More dumpsters so they don't smell so bad. Rotation rule of lake that boats have to go
2 the same direction and can't go all over.
- 3 (E809003) Put money into a new ramp and a better location for it.
- 4 (E809005) More trees.
- 5 (E809006) Larger drinks.
- 6 (E809007) Pave the parking lot. Keep it the same.
- 7 (E809008) Get more water. Check for identification of the boat owners that keep their boats here
8 somehow.
- 9 (E809009) Keep it fuller.
- 10 (E815001) Pave the parking area and ramp.
- 11 (E815003) Keep up the good work.
- 12 (E815004) Rock on. We had a great time.
- 13 (E815006) Leave it the same.
- 14 (E821001) Put in a paved driveway. More water.
- 15 (E821003) Put more water in it.

16 **PINEVIEW RESERVOIR**

17 **[Port Ramp]**

- 18 (P527001) The people at Anderson Cove didn't look at their records and there was an emergency
19 and they told the people that I was not there camping when I really was.
- 20 (P527002) Where is the gas guy? Put gas in a cove and have a floating dock buoy thing and give
21 gas to those that need it so they can buy gas on the lake so they don't have to load and
22 unload every time.
- 23 (P527003) Keep wave runners off.

- 1 (P527004) Different old people than the people that work here. Their attitude is getting worst and
2 worst. We are the ones paying for their jobs. No cars in the middle. They should have
3 parking for them somewhere else.
- 4 (P527005) More patrolling of wakeless areas. More sandy beaches.
- 5 (P527006) Letting usage control itself.
- 6 (P527007) Convenience store right here in this marina.
- 7 (P527008) Upgrade pump station. Gas station. Docks. Wakeless zone back on Spring Cove.
8 People that run it are good.
- 9 (P527009) Pave the day storage. Improve the dump station. Place to get gas and groceries.
- 10 (P527010) Docks are a lot better. I've gotten a lot of harassment because of the sticker season
11 pass from the people that work here. Bathrooms need a lot of help. Need to mark the
12 islands.
- 13 (P527011) Use to park over there by the ramp and get my boat ready for the highway my whole
14 life, and now I can't park there.
- 15 (P527014) Boat ramp and dock need to be better maintained. Traffic guiding on ramp.
- 16 (P527015) Let more boats on. Get more water. They are doing a dandy job.
- 17 (P527016) They do a good job.
- 18 (P527017) When you drain the lake clean it out.
- 19 (P527020) Some of the policies are strict for me.
- 20 (P527021) Call my employer and tell him that I need more time off.
- 21 (P527022) Parking sucks. Vehicles are too far away and we had to get parking over there to meet
22 them. Season passes for beaches, for non-boats. Aluminum recycle by garbage cans.
- 23 (P602001) Designated area for barefooting and slalom course. Area designated for fishing. Put in a
24 slalom corse. Let the people rent it out and where it will be smooth all the time. A
25 money maker.

1 (P602002) When I buy a Utah State Pass for parking, it would be nice to get in and on all the
2 reservoirs.

3 (P602005) Keep stocking the lake with muskie.

4 (P602006) The state should manage it so your state pass would get you into here. It shouldn't be
5 privately managed.

6 (P602007) Put a couple of lights up here where we wipe down our boats.

7 (P602009) More fish. No jet skis.

8 (P602011) Keep wave runners and waterskiers off until 9 A.M. so fishermen can fish. Lights at the
9 wipe down area. More lights. Passes instead of stickers on the boat. Two boats and
10 one sticker don't make sense.

11 (P602012) Don't let them dump sewage into it. It's a wonderful place. We go on weekdays.

12 (P602013) We only saw one vehicle on patrol. More patrolling of the lake. More patrolling would
13 lessen the restrictions.

14 (P602014) Red out "No Park Zone" in the place that we used to park and tie up our boats. The
15 workers need to be more courteous.

16 (P602015) Restrictions on numbers. Education on jet ski guys. Jet skies are the worst. We would
17 go somewhere else.

18 (P602016) Surveyors from USU are great.

19 (P602017) Keep an eye on jet skiers. Mostly kids that are unsupervised.

20 (P602018) Catch and release fishing.

21 (P602019) If restrictions went into play, good to have a number to know whether or not it was
22 restricted and to be able to call ahead.

23 (P602020) Don't let people stop on the dock.

24 (P608014) Maintain the muskie fishing.

25 (P608015) Only thing I worry about is the fish biting me. Little less pollution in the water.

- 1 (P608016) Restrooms are gross. Need more restrooms near the water for boaters to use.
- 2 (P608017) More dock space. Take down the gate that is on the dock that locks the public from
3 using the dock.
- 4 (P608018) Pineview is good. That is why we come.
- 5 (P608019) Keep it full. Keep water in there.
- 6 (P608020) Where does the money go?? Marina is improved.
- 7 (P608021) I'm upset because they charge \$2 more, they took out the gas station, ice machines, cut
8 down on the dock space, and took more away from public. We need more courtesy
9 dock space. Its crazy. Its all about how much money they make.
- 10 (P608022) I haven't seen it on a Saturday. I don't want to put anything else that will cost more
11 money to get onto the lake. Don't want a bunch of drunks around.
- 12 (P608023) There is a State Park Ranger, therefore I should be able to get onto the lake with my
13 state park pass. Limit on the number of people. Its outrageous. I'm surprised more
14 people don't get hurt.
- 15 (P608024) Only one tuber allowed on the lake at one time. Penalty for minor boating infractions. I
16 wish this was a state park because I have a state park pass and I can't use it here. Deer
17 Creek is my favorite. Should be 18 yrs. of age to drive a boat.
- 18 (P608025) More hungry muskie.
- 19 (P608028) Haven't been able to catch a fish.
- 20 (P608030) Have a overnight camping area where we can camp out on our boat and not bother
21 folks on shore. Keep the water level up.
- 22 (P608031) Plant some trout.
- 23 (P608032) Marina slips that are powered so that we could spend the night out on the water.
- 24 (P608033) Plant more fish.
- 25 (P614002) Up the limit of 48 inches on musky. Bad to bait fish musky with perch, don't allow it.

- 1 (P614003) It's a very crowded place and fishermen have problems.
- 2 (P614004) Pineview has been great to me. Fishermen are off the lake by 2 P.M. So far I have no
3 complaints. Let us all use it and get along. Its for all of us. We all have to share.
- 4 (P614005) Shouldn't be able to keep musky unless over 70 inches. Plant more musky and bass.
5 No keep at all rule on bass.
- 6 (P614006) Do whatever they can to save the fish population and not hurt it.
- 7 (P614007) If camping we should be able to launch for free. They're slowly improving it, but they
8 have problems with the dock every year. Good that the buoy was pulled closer to the
9 dam over in that area. There are four islands, mark them.
- 10 (P620002) It's a great place to come and camp on the lake. Clean up the trash on the beach. Put
11 trash cans in popular beach areas.
- 12
- 13 (P620003) Get new docks. They are too unstable. They are new, but they are no good.
- 14 (P620004) They are doing a good job.
- 15 (P620005) Needs to be cleaned up a little bit. Weeds and stuff here in the marina. Parking is nice.
16 Hourly pass, or ½ day pass.
- 17 (P620006) It's good. Two thumbs up.
- 18 (P620007) Don't drain it. Watch for illegal fishing a little bit closer.
- 19 (P620008) Pick up the broken bottle and glass on the beach. Its pricy to come here.
- 20 (P620009) \$5 charge for trailer, instead of \$10 for 2 wave runners. Charge for one boat since we
21 have one trailer.
- 22 (P626001) We love it up here. We just come in the morning to ski and then leave.
- 23 (P626003) Defiantly limit the amount of boats. Even and odd boat registration numbers go on the
24 days of the week that they are here. Even goes on even days and odd goes on odd
25 days.
- 26 (P626005) Don't drain it.

- 1 (P626006) Less fees. Discount pass on people that come back.
- 2 (P626007) Make it bigger. The lake is higher at the beginning of the year. We like the beaches.
3 Nice if all the beaches were sandy.
- 4 (P702015) Why do you have to pay for camping and pay to dock your boat? State pass should be
5 honored here. It should be a state park. Add \$10 to the price of a seasons pass and
6 cover both. Lower the limit of boats.
- 7 (P702016) I love this place. May they please keep the 40 inch slot limit.
- 8 (P702017) They're doing a great job. Limits are good.
- 9 (P702018) Beach patrol on littering. More garbage cans accessible on the beach area.
- 10 (P702019) Ramp was easy to get into the water and out of. Water was nice. A lot of garbage
11 though.
- 12 (P702021) Keep up the good work.
- 13 (P702022) Parking is a joke.
- 14 (P702023) Gas station and store up and running again.
- 15 (P702024) Its pretty good. Keep it full. Don't drain it.
- 16 (P702025) This is our first year and so far we are pleased.
- 17 (P702026) Cleaner restrooms and bigger dock.
- 18 (P715001) Pump station needs to come out farther. Need some type of concessions. Accessible
19 dock space and slips to use for day. Move wakeless out a little. For sure concessions.
- 20 (P715002) More facilities. Fuel station. Concession stand. We try and avoid the crowds.
- 21 (P715004) Tiger Muskies are good. Plant them. When water is low get groups (ex.: scouts,
22 church, etc.) to clean up the glass and beach. Clean up the beaches. Our favorite lake.
23 Keep up the good work.
- 24 (P715005) Do alternating weekends for water sport boaters and fishermen. Or odd and even days.
25 So everyone can have a good time.

- 1 (P715006) Don't drain the lake.
- 2 (P715007) Let us camp on the beach responsibility. Wakeboard jump tournament course. Have
3 some type of boating direction. Educate people on boating etiquette.
- 4 (P715008) Don't like the guy who runs the concessions.
- 5 (P715009) Plant and manage for walleye.
- 6 (P715010) More facilities. No gas around. Boating necessities.
- 7 (P715011) If you don't have a boat you should only pay \$2 to get in. Convenient gas, and
8 concessionaire facilities. More dock space.
- 9 (P715012) People that work here are just rude.
- 10 (P715013) Walleye stocked. More bass. Get rid of perch.
- 11 (P715014) Get rid of this pass law. The state pass should work here also.
- 12 (P721001) They should establish some formal fire pit areas on the beach that area only accessible
13 by boats. Put trash receptacles on the beach and we'll put the trash in there. Light in the
14 restrooms. We would pay an extra \$5 a day for these services. No littering in the
15 water.
- 16 (P721004) Should be able to call ahead if the limit was going to be on this lake.
- 17 (P721005) Have to pay to come to launch and then they charge us to get onto the beach.
- 18 (P721006) Volleyball courts on the beach. Better bathrooms. Big tower that you can jump off of.
19
- 20 (P721008) Doing a good job.
- 21 (P721009) Classified as a recreational fishery. Artificial lures only. Barbless hooks. Improve the
22 ramp. The lake has recreational value not harvest value. Look at it as a usage not a
23 value.
- 24 (P721011) Get rid of jet skiers and big boats.
- 25 (P721012) Fill up bumps in the ramp.

- 1 (P721013) Regulations in my opinion aren't very good. You count the people in the marina, or the
2 yacht club and they are not out there boating. So there are people here waiting for
3 nothing when they could be out on the lake.
- 4 (P721016) Pretty area.
- 5 (P727003) The state pass should be valid here. All boaters should be licenced, just like for a car.
- 6 (P727004) Bike ramps off of the dock.
- 7 (P727005) Get more water.
- 8 (P727006) Should have a part dedicated to sailboats. Restrict alcohol. Need more patrolling.
9 More public dock space. General disregard for safety. Staff are really nice.
- 10 (P727008) Had fun.
- 11 (P727009) Don't drain the lake so fast.
- 12 (P727010) We like the water temperature. Had a good time. Nice beaches. Clean lake. Honor
13 state park passes. Make it a state park.
- 14 (P727011) Lets keep more muskie. They are eating all of the crappie.
- 15 (P802008) Keep prices the way that they are. They are doing a good job.
- 16 (P802009) Put a sign outside the canyon that we are going to the right place and tells where to go.
17 Have people in booth so that we can pay our money. Have god people in the booth.
- 18 (P802010) More water. More patrolling. Good patrol people.
- 19 (P802011) Should be able to use a state park pass.
- 20 (P802012) The people responsible for docks and slips are not helpful.
- 21 (P802013) More patrolling on the lake.
- 22 (P802014) Discount for a five day pass.
- 23 (P802015) Put money into the beaches.

- 1 (P802017) Parking is nice. Boat ramp needs help.
- 2 (P802018) Need to keep tabs on wild drivers.
- 3 (P802019) They are doing a good job.
- 4 (P808002) Put sliders, obstacles, pipes, etc. on the lake for wakeboarding.
- 5 (P808003) Don't drain the water. Great experience.
- 6 (P808004) Put money back into the facilities.
- 7 (P808005) Cut down on drinking. Bring back trout. Clean it up.
- 8 (P808006) Manage the muskie. No meat fishing. Hook gap limit on.
- 9 (P808007) Have some non-speed time. No speed until 10 A.M. Block off a place to fish. Like an
10 arm for us. Put Mantua as a wakeless reservoir. A place to fish.
- 11 (P808008) Provide parking. Allow state passes and get the concessionaires (L&L) out of here.
12 Reasonable day parking. More restrictions on PWCs. Have a limit like a cougar permit
13 and have it on the Internet that they can get on and get a permit for that day to go
14 boating for that day, and when a lake is filled, then the permits are out, no more people
15 on that lake. Then make it so they can't go boating without that permit. All the people
16 would be spread out.
- 17 (P808009) Farmers and cattle ranchers shouldn't decided on how far the lake should go down.
18 We shouldn't destroy the fishery here. Has to be some type of balance.
- 19 (P808011) Yearly passes needs to be reduced. State park should be accepted.
- 20 (P808012) They are doing a great job.
- 21 (P814001) I think its pretty good.
- 22 (P814002) Enforce litter law on beaches.
- 23 (P814003) Gas on the lake. Here there are overprotective cops and crummy employees.
- 24 (P814004) Keep PWCs in check.

- 1 (P814005) 300 ft. off shore wakeless speed rule in Iowa and that rule should be here.
- 2 (P814006) I love it up here. Don't develop it like they area planning to with condos and things like
3 that.
- 4 (P814007) It's great for my type of boating, once a week on Tuesdays.
- 5 (P814008) Keep it pretty and fuller. It sure is nice up here.
- 6 (P814009) Dock area should be drop-off and pick-up only where you can't tie off and only a
7 section of it. The furthest end side of it. State patrol needs to patrol more. Enforce a lot
8 more.
- 9 (P814010) It's good.
- 10 (P814011) Mark shallow spots.
- 11 (P814012) Do something that will attract hot chicks. Like a bikini contest.
- 12 (P814013) Fill up this cove right off to the left here with gravel. Sink in ten aquifers and pump up
13 the water table. Then stick in wind mills and have the wind supply the water into the
14 lake, and it will make for a great fishing area. This is a total win, win situation.
- 15 (P814014) Ramp is a bit bouncy.
- 16 (P820003) When water is this low limit it to 100 boats on the water.
- 17 (P820004) People working at Anderson Cove are real jerks.
- 18 (P820005) They are trying to deal with the situation. Doing a good job.
- 19 (P820007) I'm all for the limitations on the number of boats and I would like the number of
20 personal watercraft banned.
- 21 (P820009) They need fuel on the water. Camping should be able to go on the beach. 100 ft. rule to
22 anchor and camp in the water is not a very good rule.
- 23 (P820010) PWCs should be required to take a class. Should put some classes on so people can
24 learn the boating rules so its safer for everyone.
- 25 (P820011) No more old check-in ladies. They are rude.

- 1 (P820012) Restrict PWCs.
- 2 (P820013) Put rubber along edge of dock. More dock space.
- 3 (P820014) Make sure there that every time there are the same number of boats that were here
4 today, and we will be happy.
- 5 (P820015) Keep all the drunks at home.
- 6 [Pineview Bluff Ramp]
- 7 (P527023) I think you are doing good.
- 8 (P527024) Beer cooler sales. Bathrooms that aren't far away.
- 9 (P527026) More regulations for jet skis. Flushing toilets/ restrooms. Garbage cans accessible.
- 10 (P527027) More patrols for idiots. Lot of people that don't know what they are doing. It should
11 be a law that we should have to take a driving course before we get to boat. Like
12 driver's safety.
- 13 (P527028) Get rid of person at the port, the old lady. She just yelled, nothing else just yelled.
- 14 (P527029) Hosts are really nice.
- 15 (P527030) Too expensive. The people that work here are rude. They screwed up on the campsite.
16 Get their stuff together on the campground.
- 17 (P527031) Consider a boating day, a PWCs day, a fishing day, etc.
- 18 (P527032) Lady at the Port ramp is snotty. Not very friendly.
- 19 (P527033) Keep dead fish out of the water. Put a limit on the noise level in the camping area.
- 20 (P527034) We like to come here.
- 21 (P527035) More available showers. Gas pump on cemetery marina. Flushing toilets. More
22 camping availability.
- 23 (P527036) Keep facilities improved.
- 24 (P527039) Seems to be going fine.

- 1 (P527040) Stairs on the beach.
- 2 (P527041) Need boat storage by cemetery. Its hard for sailors to dock over at the Port.
- 3 (P527042) More campgrounds.
- 4 (P527043) Its all good.
- 5 (P527045) They do good.
- 6 (P527046) Flushing toilets. I like the idea of adding more picnic areas.
- 7 (P602022) Some at night patrolling. Too much partying. Phone number available for the ranger to
8 call him. Other than that I love the lake. Its fairly clean. There are less bugs than at
9 Willard.
- 10 (P602024) PWCs need to be legal. Water is good for all the craft.
- 11 (P602025) More access for beer and more bikinis.
- 12 (P602027) Get rid of the Tiger Muskies. Too many of them and people don't want to get in the
13 water with them.
- 14 (P602029) Make lake bigger. Control the waves. Get rid of buoys so that we can use the whole
15 lake.
- 16 (P602030) More campgrounds. Day use areas. Clean restrooms. Flush toilets. More docks. Public
17 fuel dock.
- 18 (P602031) Upgrade the restrooms. Get restrooms like Bear Lake and Jordanelle. Warm showers
19 and flush toilets.
- 20 (P602032) Don't limit number of PWCs. I own a boat too.
- 21 (P602033) It's usually packed here. Don't beach boats on entire lake, just a designated area for
22 "No Boats" and enforce it. Patrol and watch for safety. More docks.
- 23 (P602034) Survey was excellent.
- 24 (P602035) Better bathrooms and flush toilets. Pretty good overall. Today was good, but we've
25 been here when there were tons more people.

- 1 (P608001) Clean up the garbage. Put dumpsters/canisters in convenient places.
- 2 (P608002) Nude beaches. Open burger shop.
- 3 (P608003) It should be Forest Service concessionaires. Want a pump out. Education is really
4 important. Can't get to the point where you take away freedom of boating on any
5 particular boat. We might as well been in Russia. They shouldn't penalize everyone for
6 what the 10% of the population does.
- 7 (P608004) I just haven't had any problems here.
- 8 (P608005) Cut limit down a little bit. Put limit and it will be safer.
- 9 (P608006) Add a rope swing. Easy in and easy out. Tons of parking.
- 10 (P608008) Ought to be a state park so I can use my state park pass.
- 11 (P608011) Be nice to see the store open again.
- 12 (P608012) More parking.
- 13 (P620011) Looks a lot better than what it has been looking. Rangers are a good sign. Boat limit is
14 good. It just makes common sense. It's pretty nice.
- 15 (P620012) Modernize the restrooms and dressing rooms. This is our favorite place.
- 16 (P620013) Please just let wave runners keep coming here. Better and bigger bathrooms. Place to
17 get gas.
- 18 (P620014) If your going to close it, let us know early. Limit somehow? We've got to know.
- 19 (P620015) Mandatory classes for boaters and boatubg licence. If everyone knew what they were
20 doing it would be better.
- 21 (P620016) Try to recognize same holiday as the Utah State Parks, when you get into the park/
22 area for free. Everyone on the same page.
- 23 (P620017) Not an often user so I don't have anything to say.
- 24 (P620018) Better signs to know where to go, so you know where docks and ramps are. It was
25 nice.

- 1 (P620019) Get some palm trees. More camper friendly. Not very overnight camper friendly.
- 2 (P620020) Keep lake full. Keep a lot of water in it.
- 3 (P620021) Clean garbage on the beaches. People need to realize that these are recreational areas
4 and they should be clean and respect the areas.
- 5 (P626008) Good concessions stand is what is needed. Rentals of boats and watercraft.
- 6 (P626010) Seems to be okay right now. Keep prices down. Pineview part of fun pass for state
7 parks.
- 8 (P626011) Snack shop open again. Restaurants. Limit the number of boats. Nude beach section.
- 9 (P702001) Bathrooms need to be maintained better. More garbage cans accessible by beach area.
10 Person working at booth should pick-up garbage that was left the day before. We do
11 enjoy it here. Access the snack bar.
- 12 (P702002) Clean the toilets. Flushing toilets. Plant more muskie.
- 13 (P702003) Bathroom upkeep. People working for L&L are rude. Make it a Utah State Park boat
14 ramp.
- 15 (P702004) There should be parking areas that are by east of middle inlet. Also garbage cans for
16 that area. The ramp can always use help.
- 17 (P702005) They are doing fine.
- 18 (P702006) Keep the water in it.
- 19 (P702007) Wish season pass wasn't just for the boat. It ought to be good for the person not the
20 boat.
- 21 (P702008) Keep it full. I like the wipe down areas. Make the fee lower.
- 22 (P702009) Honor the state park or federal sticker completely, so the whole area is accessible.
23 Start selling membership to boat marina.
- 24 (P702010) It's a nice place. We enjoy the area. Clean. Beautiful.
- 25 (P702011) Garbage cans on the beach. More accessible garbage cans.

- 1 (P702012) More patrolling on the lake. No more building going on to pollute the lake. Safety is my
2 biggest concern, that is why I come on the week. Boating license. 150ft. needs to be
3 enforced. My next concern is pollution. Definite limit.
- 4 (P702013) I'm really happy with it. Trappers Loop has made a huge difference travel wise.
- 5 (P715015) Get buoys where the water is so shallow.
- 6 (P715016) Gas back on the lake. Showers and bathrooms at Anderson. Flush toilets. A marina at
7 Anderson. Better than Willard.
- 8 (P715018) Better bathrooms, flushing toilets, and shower improvements. No dogs allowed. I'd pay
9 twice as much if it had a shower and stuff.
- 10 (P715019) Bathrooms, flushing toilets, and shower improvements.
- 11 (P715020) Put gas on the lake. Modern plumbing on bathrooms. Nude beach. Showers.
- 12 (P715024) Clean toilets. Put chemicals that maintain smell. No bottles on the beach. Let us be
13 noisier longer in Anderson. Put money into the toilets. We had a good time.
- 14 (P715025) Rangers loosen up a little.
- 15 (P715026) Flush toilets.
- 16 (P715027) Have a boater licenses for all ages.
- 17 (P715028) Get rid of wave runners. Don't rent wave runners. Upgrade bathrooms. Hold
18 wakeboard competition here. Concessionaires would be great. Restrooms accessible.
- 19 (P721017) Kill all the Tiger Muskie. Put accessible gas on the lake.
- 20 (P721018) Cops could be a little less strict.
- 21 (P721019) They're doing a good job and I think the limit should be on the lake. You snooze you
22 loose.
- 23 (P721020) Lower the price of wave runner entrance fee.
- 24 (P721021) Rangers were really good.

- 1 (P721022) Some type of card that has boat safety information to show before they could get on
2 the lake.
- 3 (P721025) Gas and oil available and someplace to buy a hot dog.
- 4 (P721026) Keep jet skiers off the lake.
- 5 (P721027) Concessionaires open all the time.
- 6 (P721028) To pay for everything get to be too much. There isn't a need to pay for everything.
- 7 (P721029) More patrolling on the lake. Boating drivers license to boat and a class. Too much
8 money to park. Someone directing traffic on ramp. Make it so U-turns aren't allowed
9 on the ramps.
- 10 (P721034) Bathroom filled with blood (it looked like someone killed another person in there). Little
11 convenient store. Flushing toilets. More campsites on the beach. More camping places
12 closer to water. Place where you can eat something.
- 13 (P721035) Let dogs on beaches. \$6 per wave runner is horrible.
- 14 (P721036) More women. G-string law lifted.
- 15 (P721037) Keep kids in check. Watch people on the ramp. Have people direct traffic on ramp.
- 16 (P721038) Always had fun.
- 17 (P721039) Camping on the beach.
- 18 (P721040) More campground. Camping on beach.
- 19 (P721041) Watch people. Rangers to watch closer on people who follow too close. More wakeless
20 zones. Speed limits posted. Driver's licenses to drive a boat. Some type of training.
21 More rangers would be good. Education is a need for all boaters.
- 22 (P727001) Get rid of PWCs. Limit boats on weekends. Work for water quality.
- 23 (P802001) I like patrolling more. I like that there are more regulations and this has been publicized.
24 Good rules on 150 feet and good patrolling of it.
- 25 (P802002) Fix boat ramp. Docks are nice.

- 1 (P802004) New hosts. Get rid of bugs at Anderson Cove.
- 2 (P802006) Not really. Toilet paper in bathrooms. Upgrade the restroom. Hate to see them limit the
3 number of boats.
- 4 (P802007) Keep water higher.
- 5 (P808013) Get gas on the water.
- 6 (P808014) More water.
- 7 (P808015) Buy one \$5 pass and be able to go to every place on the lake. Its clean. Facilities are
8 above average.
- 9 (P808017) Headed on right corse. Crowd control.
- 10 (P808018) Hope for rain.
- 11 (P814015) Bigger dock. Running flushing toilets. Garbage accessibility on the beach.
- 12 (P814017) If I pay \$5 to launch, I should be able to go to the beach area.
- 13 (P814019) State annual pass should be accepted here.
- 14 (P814020) All boaters should go through a course and have a licenses. More boat ramps. More
15 proximity to the beach for those with watercraft.
- 16 (P814021) Pave the ramp.
- 17 (P814022) Its great. Nice beaches.
- 18 (P814023) Boaters need to have a boater's licenses.
- 19 (P814024) More trash cans on the beaches.
- 20 (P814025) Pave the boat ramp. Now that the water is down, it's the best time to do it. Good use
21 of money at Anderson Cove.
- 22 (P820001) Keep it clean.
- 23 (P820002) Get rid of \$5 per boat. It should be \$5 per trailer.

BEAR LAKE

[Marina]

(B526001) All real nice guys. Sometimes I come to the office and can never find anybody. Maybe put a phone number on the door so we can get a hold of them.

(B526002) More boat ramps.

(B526003) Make a flat fee for putting in a taking out boats.

(B526004) Its enjoyable and the Marina is nice.

(B601002) Bigger restrooms or another restroom. In general they do a really good job except for a little bit of crowding they get.

(B601003) Don't let them drain it.

(B601004) Hope they pass driver license law for boats. Get more water in lake so we can use our own harbor. Unhappy with Utah Power and Light.

(B601005) Its nice. I liked it.

(B601006) Contain personal watercraft like they do at other State Parks. We moved from lake to hill because of all the noise that PWCs put out. Make PWC areas.

(B607003) Nicer since they've widened the ramp. Don't like people who block ramp putting stuff up from the day. We love it here.

(B607004) It isn't used. We fish Monday- Friday and not the weekends.

(B607005) Never been able to catch a fish up here.

(B607006) Keep the lake trout in.

(B607007) Stabilize the lake level.

(B607008) It would be nice if there was another marina.

(B607009) This is a nice ramp. Keep PWCs legal.

(B607010) If limitations, put out warnings. Here wave runners are more accessible.

1 (B619001) Great place for families to come and have a good time. Close. Teenagers love it.

2 (B619002) More places to launch your boat. Idaho side has a better beach. Utah could develop
3 one for the public.

4 (B625001) Have people who rent in this area be required to educate the people better. Better
5 patrol.

6 (B625002) Why is it \$5. I pay my taxes and I ought to be able to get into a state recreation facility.
7 Utah drivers license ought to get in. Let older folks manage facility on a volunteer basis
8 and then no need to pay wages.

9 (B625004) They done a great job. Nice facility. Inexpensive.

10 (B625005) Don't over regulate. People are smart enough to know when there is a big crowd and
11 they stay home.

12 (B625006) Build another marina. Get concessionaires to not have dogs allowed. Put a wind sock
13 so boaters can tell where the wind is going. Have 92 octane gas.

14 (B625007) Put a noise ordinance. One of the best lakes around. Camping on shoreline should be
15 restricted or port-a-potties. One of the cleanest lakes in the nation and we should keep
16 it that way. We love it up here.

17 (B625008) Keep it full.

18 (B625009) The fewer the laws, the fewer the restrictions, the more I like it.

19 (B625010) You do a good job. Haven't ever seen it this low.

20 (B625011) People underage need to get as many tickets as we used to get.

21 (B625012) Develop First Point a little more.

22 (B625014) Need more slips.

23 (B625015) Beach cleaned up better so there's not so much so sludge. Lower gas prices.

24 (B625017) Keep it full. I will talk about what I have to say with Eldon.

25 (B701003) Its great and beautiful up here.

- 1 (B701007) Quit pumping it out. Rewrite the Bear Lake Compact. It's mismanaged.
- 2 (B701009) Don't drain anymore out of it. It's a natural lake not a reservoir.
- 3 (B701010) Carry on.
- 4 (B701011) Make load and unload ramp a little bigger.
- 5 (B701012) Leave gate open or have a card gate. Don't allow personal watercraft.
- 6 (B701013) Clean up beach right across from Bear Lake West.
- 7 (B701014) Put more slips in. I like it.
- 8 (B701016) Hate to see them regulate how many people get on the lake. Make more parking.
- 9 (B701017) Don't change anything. New toilets at North Beach.
- 10 (B701018) Don't pump any water out of this lake. We pump it out way to fast.
- 11 (B701019) They are doing a great job.
- 12 (B701020) Lower price of gas around marina.
- 13 (B714001) Need a bigger parking lot. Another marina.
- 14 (B714002) Control the wind at camping area.
- 15 (B714003) More parking. More places to sit. Night campground next to parking lot. Different
16 location of camping.
- 17 (B714004) Another boat dock. One down south.
- 18 (B714006) More water. More parking.
- 19 (B714007) I think they're doing fine.
- 20 (B714008) Another marina close by. Its nice. We like it.
- 21 (B714009) Better launch facilities and more locations and more marinas that can handle boats.

- 1 (B714010) Get more water.
- 2 (B714011) More parking. Another ramp. More dock space.
- 3 (B714012) More marinas. More facilities. The ramp get crowded. Not enough docks.
- 4 (B714013) Stop pumping water out of it.
- 5 (B714014) More marina space. More development on east side of lake.
- 6 (B714015) More marinas. Keep lake high enough.
- 7 (B714016) Another marina.
- 8 (B714017) More parking. Another marina and boat ramp.
- 9 (B714018) Closer bathrooms. More camping and dock space.
- 10 (B714019) Staircase going to overflow parking area on the hill. Crosswalk on the road to the
11 sidewalk.
- 12 (B714020) Somebody always directing traffic. Enlarge marina by three times.
- 13 (B714022) Don't restrict the number. Add another marina and boat ramp.
- 14 (B714024) Another ramp. More parking.
- 15 (B714025) Camping is to close to each other. More parking. Another ramp.
- 16 (B714026) Give wave runners equal time. Don't limit wave runners or everything two-stroke.
- 17 (B714027) Bigger marina.
- 18 (B714028) Nicer beach areas.
- 19 (B720001) No SUV on the beach. Leave a Hobie Cat over on the beach for like \$20. Miss seeing
20 a Hobie Cat. If they have to launch at the marina then they won't do it. Water is too
21 low. Take out the power plant and let the lake get back to natural level. Get cows out
22 of the river.
- 23 (B720002) Lower prices on launching. Control the wind.

- 1 (B720003) Reduce amount of water taken out of it so the lake level is higher. Take power plant
2 out.
- 3 (B720004) More boat slips. Bear lake is awesome.
- 4 (B720006) They do a great job. The way they do slip rentals is great.
- 5 (B720007) Keep it up. We've been pleased.
- 6 (B720008) Educate people. Wouldn't hurt to have another marina. Charge us if you need to. Put
7 the money back into the park. Take serious look at how we can pay for facilities.
- 8 (B720009) Make the water smooth.
- 9 (B720011) More boat launch facilities that go down when lake is low. Develop the east side.
10 Rendezvous needs a launch.
- 11 (B720012) Keep doing what your doing. Nice facilities. Friendly people.
- 12 (B726006) Park rangers need to enforce law of 150 feet.
- 13 (B726007) It's just fine.
- 14 (B726009) Not a lot of State Park docking areas. No beaches.
- 15 (B726010) Get rocks off the east side. When you have a huge group with extra vehicles there
16 ought to be a discount. Especially when they are here for a long time.
- 17 (B726011) I think its really nice.
- 18 (B726012) Warm it up.
- 19 (B726013) Don't get caught in junk science.
- 20 (B726014) I think its great.
- 21 (B726015) Doing a good job.
- 22 (B726016) Keep it the way that it is. Excellent staff. Seasonal staff is wonderful.
- 23 (B726017) Pop machine. Boaters need to know the boating rules before they go boating.

1 (B726018) I'm pretty satisfied.

2 (B726019) Put in another state marina. Upper end parking.

3 (B801003) Another marina on east side.

4 (B801004) Monitor the ramp all weekend long. Valet parking for those that don't know how to
5 back down. PWCs parking only should stay that way and boat parking should be
6 boats. We like it here.

7 (B801005) Patrol jet skiers.

8 (B801007) Another marina and ramp so people can get in and out. I like the courtesy docks. More
9 access to get boat in and out.

10 (B801009) Doing a good job. Elton is a nice guy.

11 (B801010) Addition here is excellent.

12 (B801011) Move the rocks.

13 (B801013) Keep it as nice as it is.

14 (B801014) It's beautiful.

15 (B801015) They're doing a good job. Money that I have to pay to make a reservation is ridiculous.
16 Reservation a day in advance not three day in advance. Reservations need help.

17 (B807001) Its been nice.

18 (B807002) More marinas especially on the weekends. Its nice.

19 (B807003) More slips available. Short term slips available.

20 (B807004) Doing a fine job.

21 (B807005) When you rent PWCs, make them take a safety class. Make it so they have to take a
22 course so teenagers can drive PWCs.

23 (B807006) Don't make a whole bunch of strict rules. Lower gas prices. The rules end up hurting
24 the good boaters.

- 1 (B810002) Stop flushing water out of Bear Lake. They are allowing too much water out. We love
2 it here.
- 3 (B810003) Get ranger at top of ramp. Put on and off is always horrible on busy days.
- 4 (B810004) More beaches.
- 5 (B810005) They need another ramp. Better area to get your boat ready to travel.
- 6 (B810007) Utah charges too much. Enforce 150 ft. law.
- 7 (B810008) Another marina that you can put a boat in shallow water.
- 8 (B813001) Better guidance on launching and pulling out. More marinas and launch space. Two
9 different set ups, one for launching and one for pulling out. Enforce the ramp. No
10 parking on the ramp.
- 11 (B813002) Three days in advance for the slip and reservation place could coincide with the park.
12 Its too hard for us and this big boat to pull out every night, but if there is an area of slips
13 available there is a good idea to give the slips to those that call.
- 14 (B813003) It's really nice.
- 15 (B813004) Need to have a boat and jet ski license. Doing a really good job with what money they
16 have. Use recreation money for recreation.
- 17 (B813005) We need another marina.
- 18 (B813006) In and out part of launching area better. Two rows in and two rows out. Scheduling of
19 the slips are ridiculous. State of Utah shouldn't do the reservations, Bear Lake area
20 should.
- 21 (B813007) Keep more water in it. We like it.
- 22 (B813008) Roads are horrible. More accessability when the water is low that we can launch from.
- 23 (B813009) Make sure the rental places verify that renters know how to run the boats when they
24 rent them.
- 25 (B813010) More wakeless zone for PWCs from the beach.

- 1 (B813011) Paint "preparation" on one side of the and "launch" on the other. Don't dredge the lake.
- 2 (B813012) Keep water level up.
- 3 (B813013) Doing a great job. Regulation to a minimum.
- 4 (B813014) Stock more fish.
- 5 (B813015) Don't pump it any lower.
- 6 (B819011) Control of ramp. Patrol the ramp and watch them. We love it here.
- 7 (B819012) Campground separated from the water and the road. Bigger campground. Another
8 Marina. Another boat dock. Another ramp.
- 9 (B819013) More boat ramps. Harbor space. More patrol.
- 10 (B819014) Need to build another marina. Need to give residents some type of presence. Its not
11 right that we've got to wait and we've got a place here. Majority of boats in slips go
12 out two times a year.
- 13 (B819015) Increase parking for cars and trailers. Terrible place to get ready when you're done to
14 get on the highway. Beautiful lake.
- 15 (B819017) More marinas for big boats. Another facility for big boats and more slips.
- 16 (B819018) Build some more slips.
- 17 (B819019) More access to it. More ramps for unloading and loading. Protected harbor on east
18 side. Something to break the waves.
- 19 (B819020) Don't let the farmers cut an irrigation line here.
- 20 (B819021) More water.
- 21 (B819022) Lets not dredge the lake.
- 22 (B819023) More boat ramps.
- 23 (B819024) Keep up the good work. Put more water in the lake. More parking and wider highway
24 into the marina.

- 1 (B819025) It's beautiful.
- 2 (B819026) Keep water level up. Camping needs to be better. No power and there should be.
- 3 (B819027) Needs new parking. New boat ramp and marina. Idaho could build another marina on
4 their side. Nice facilities. We were pleased. Nice employees and good use of direction
5 traffic.
- 6 (B819028) We want a ranger on the water.
- 7 (B819029) Bigger marina. More slips. Patrol on the ramp on the weekends.
- 8 (B819030) Strict enforcement of PWC rider education.
- 9 (B819031) Put hamburger and hot dog stands. Another ramp.
- 10 (B819032) Great bathroom.
- 11 [Eastside South Ramp]
- 12 (B526005) Extend ramp low water years.
- 13 (B526006) Nice if more loading and unloading ramps/docks. We haven't got the option to load
14 and unload on our own ramp. To load and unload only on ramp.
- 15 (B526007) Last year we had a bad incident with a park ranger about a four-wheeler. He could
16 have been better with the people. I'm in law enforcement and the way he acted was
17 totally out of line.
- 18 (B526008) They do a good job.
- 19 (B526010) Keep rocks off the ramp. A better dock. More beaches. They don't keep Eastside up
20 very well.
- 21 (B526011) I think its great. Floating docks. Put money back into the parks.
- 22 (B601008) It's a great place. Clean. Really neat.
- 23 (B625018) Quit draining it. It was better than last year.
- 24 (B726001) Make ramp at Rendezvous longer.

- 1 (B726002) Love it. Great place to come. Keep water level up higher and a heater in the lake.
- 2 (B726003) I like it here.
- 3 (B726005) Better boat ramp at Rendezvous and here on South Beach (First Point).
- 4 (B801001) Lengthen the ramp here on both sides.
- 5 (B801002) Have a turn around so you can back your boat down, instead of turning your boat
6 around on the ramp.
- 7 (B819001) Don't pump the water out.
- 8 (B819002) Add more water. More boat ramps on the west side. More campgrounds on the west
9 side.
- 10 (B819003) They do a good job.
- 11 (B819007) Get your trees growing faster at Rendezvous. More trees on the east side. Pump more
12 water in.
- 13 (B819009) When you give a ticket give a baggy to put it in.
- 14 (B819010) Leave the water in it. Limit water restrictions. Another marina or another launch pad
15 that is accessible. Ought to be a class on how to load and unload your boat.
- 16 [Eastside North Ramp]
- 17 (B607001) Get rid of steel boat docks and put in floating docks.
- 18 (B701001) Its pretty nice. I don't think they need any restrictions on anything.
- 19 (E714029) Improve the east side.
- 20 (B714030) Dump sand so we have a beach . Access to more slips to where you can boat, then
21 park your boat in a slip and go eat and shop right off the lake. More slips. More
22 entertainment stuff.