

1999 Canyon Ferry Recreation Survey

Results of the Study

Technical Completion Report 2000-2

March 2000

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June 1999 - September 1999

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Executive Summary

This information summarizes the results of a recreation survey on Canyon Ferry reservoir, conducted from June 10, 1999 to September 30, 1999. 774 visitors completed questionnaires at 20 recreation sites.

- Most visitors (85%) to the reservoir were Montana residents. Riverside had the greatest proportion of nonresidents at 20%, while only about 2% of Shannon visitors were from out-of-state.
- On average, about one-third of Montana residents were from Lewis and Clark County. Local use was highest at the day use sites (84% from Lewis and Clark County) and lowest at the sites on the southern portion of the reservoir.
- Non-resident visitors to Canyon Ferry were mainly from Washington, Idaho, and California.
- Most sites were predominantly used by family groups. The Canyon Ferry sites tended to attract more family groups than similar reservoir sites in the Helena area.
- Average group size was highest at Silos (10.59) Hellgate (8.00) and Confederate (7.68). Indian Road (3.10) and Riverside (3.40) had the smallest average group sizes.
- Groups with children were most common at Silos (average of 2.70 children per group) and Jo Bonner (2.03) and lowest at Goose Bay (.59) and Riverside (.69).
- On average, about 80% of respondents had visited the site before. Goose Bay and Shannon had the highest percentages of repeat visitors, at 92% and 91%, respectively.
- The highest amount of day use at campgrounds was at Indian Road (73%) and Riverside (44%). Overnight use was greatest at Jo Bonner (95%) and Hellgate (89%).
- The most common reasons for visiting a site were close to home, easy to get to, and been here before. The highest percentage of visitors that felt good facilities were the most important reason for visiting was at Kim's Marina (41%). Group facilities were most often cited as important reasons by Silos (8%) and Goose Bay (7%) visitors. Visitors to Cave Bay (38%) were also most likely to cite scenic beauty as a major reason for choosing the site.
- Swimming and sunbathing were the most popular activities at day use sites (82% and 70%).
- Boat angling was most popular at Goose Bay (74%) and Riverside (60%).
- Wildlife viewing was cited as an activity most often at Chinamen's Gulch (36%).
- Waterskiing was most popular at Kim's Marina (37%), and Hellgate (34%). Jet Skiing was most popular at Kim's Marina (20%).
- Overall trip satisfaction was highest at Kim's Marina and lowest at Silos. Most sites had slightly positive satisfaction scores.
- Visitors were generally satisfied with site characteristics. They were most satisfied with facility maintenance and cleanliness, and least satisfied with interpretive/educational materials and the number of fish caught.
- More than half of visitors felt that additional facilities or services were needed at sites. At day use sites, visitors felt that picnic tables and more trash bins were the most important facility needs. At campgrounds, showers were the most commonly listed facility need.
- Disabled visitors were most commonly found at Court Sheriff and Confederate.

- Conflicts with jetskiers were most often cited at Goose Bay, where 57% reported that they disliked jetskier encounters. Conflicts with powerboats were most common at Indian Road, where 20% reported that they disliked powerboat encounters.
- Perceptions of crowding were highest at Hellgate (3.94 on a 9-point scale) and Jo Bonner (3.32).
- Visitors to the southern campgrounds were the most likely to report no longer visiting recreation sites in the area. The most often cited reason for no longer visiting was crowding.
- Day use visitors were much younger (average age, 29) than those in the campgrounds (average age about 45). The oldest visitors were at Goose Bay (average age, 52).
- Non-residents spent over twice as much on their trips as Montana residents, and overnight visitors also spent more than twice as much as day use visitors.

Acknowledgments

Successfully conducting this study required the cooperation of numerous individuals. First of all, we would like to thank the hundreds of visitors who volunteered a small portion of their leisure time to fill out the questionnaire. A tremendous thank you also goes to our tireless field surveyor, Alane Fitzpatrick. Her flexibility, patience, and perseverance in the field made this study possible. Thank you also to the students who assisted in the coding and computer data entry of the questionnaires: Mike Hamley, Amanda Lowe, Ryan Ulvin, and Sarah Harris.

The content of the questionnaire and much of the design of the study was developed by Neil Moisey and others for use in the 1995 Missouri Madison Recreation Study. Many thanks to them as well.

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Preface

This report summarizes a study of recreation use on Canyon Ferry reservoir from June 10, 1999 to September 30, 1999. The results from the 1999 Canyon Ferry Recreation Study are comparable with the results of the 1999 Missouri Madison Recreation Study, as the same survey instrument was used.

There are four major components to this study. The following sections will be presented in this report:

- Section 1. Results of the Recreation Visitor Study
- Section 2. Estimates of Use at Select Canyon Ferry Sites
- Section 3. Comparison with Results from the 1995 Study
- Section 4. Appendices

1 - Recreation Visitor Survey Results

1.1 Introduction

The overall goal of the 1999 Canyon Ferry Recreation Study was to understand the characteristics of recreational use and users at representative sites on Canyon Ferry reservoir and to compare this latest information to results from the 1995 Canyon Ferry Study to examine recreation trends.

Specific objectives of the study were to:

- 1) determine socio-demographic characteristics of on-site users;
- 2) determine on-site activity participation;
- 3) determine levels of overall trips satisfaction, satisfaction of existing facilities, settings and management, and identification of needed facilities;
- 4) identify potential/existing conflicts among user groups and where they occur;
- 5) explore attachment to place and how it may explain existing/potential use patterns;
- 6) investigate potential changes in visitation patterns due to resource/social changes at sites (e.g., crowding, resource degradation, conflict);
- 7) estimate current use levels at selected sites;
- 8) determine expenditure patterns;
- 9) compare all of the above information across sites, with other reservoir sites in the region, and with data from the 1995 study.

The 1999 Canyon Ferry Recreation Study began on June 10, 1999 and continued until September 30, 1999. This report summarizes the data collected during this sampling period.

1.2 Study Area

Canyon Ferry reservoir is located on the Missouri River east of Helena, MT. Most of the recreation sites are administered by the US Bureau of Reclamation (BOR) and managed by the US Bureau of Land Management (BLM). There are 13 designated campgrounds and 12 designated day use areas that are mainly located at the forested northern end of the reservoir. Of these 25 sites, 19 were sampled as part of this study.

The following sites were sampled as part of the 1999 Canyon Ferry Recreation Study.

- Riverside - Campground site located on the Missouri River immediately below Canyon Ferry dam. Facilities include 34 designated campsites, picnicking, outhouses, and wildlife viewing.
- Shannon - Day use site located at the north end of the reservoir. Facilities include boat ramp and outhouse.
- Court Sheriff - Large campground located on the northeast end of the reservoir. Facilities include 25 designated camp sites, picnicking, outhouses, and boat launching.
- Chinaman Gulch - Large campground located on the northeast end of the reservoir. Facilities include 40 designated camp sites, picnicking, outhouses, and boat launching.
- Kim's Marina - Larger campground/day use area on the northeast side of the reservoir. Concessionaire operated facility that includes many designated camp sites, boat docks and grocery/restaurant.
- Cave Bay - Day use picnic site with toilets and a picnic shelter. Located Between Kim's Marina and Jo Bonner on the northeast side of the reservoir.
- Jo Bonner - Smaller campground located on northeast side of the reservoir. Facilities include 6 designated camp sites, picnicking, outhouses, and boat launching.
- Hellgate - Largest campground located on northeast side of the reservoir. Facilities include 130 designated camp sites, picnicking, outhouses, and boat launching.
- Goose Bay - Large undeveloped campground located on the east side of the reservoir. Facilities include dispersed camping opportunities.
- Confederate - Large undeveloped campground located on the east side of the reservoir. Facilities include dispersed camping opportunities and outhouses.
- Indian Creek Road - Smaller campground located on south side of the reservoir. Facilities include 25 designated camp sites, picnicking, outhouses, and boat launching.
- Silos - Large campground located on the west side of the reservoir. Facilities include 80 designated camp sites, picnicking, outhouses, and boat launching.

White Earth - Large campground located on the west side of the reservoir. Facilities include 40 designated camp sites, picnicking, outhouses, and boat launching.

Fish Hawk - Tent-only campground located near the Overlook day use site on the west side of the reservoir.

Orchard, Lorelei, Crittendon, Overlook, and Lewis and Clark - Day use sites clustered together on the northwest end of the reservoir. Facilities include picnicking sites and outhouses.

1.3 Methodology

The primary data collection instrument was an on-site survey.

1.3.1 Sampling Framework

A stratified systematic random sample design was used in this study. This design allowed for a representative sample over the range of sites, times of the day and days of the week.

The administration of questionnaires took place within a pre-determined sampling plan. Every day of the five-month data collection period was eligible to be selected for sampling. Each sampling day was divided into four, three-hour periods: 8-11, 11-2, 2-5, and 5-8. A different site was assigned to each three-hour period. Within each sampling region, sites located in close proximity to each other were grouped into clusters of three. Clusters were randomly assigned to days of the week, and sites within clusters were randomly assigned to consecutive sampling periods. This created a sampling structure that covered three different sites per day from 8 to 5 or 11 to 8. Travel time was split between clustered sites (for instance, a travel time of 10 minutes would be split by leaving one site 5 minutes before the end of the sampling period and arriving at the next site 5 minutes late). The sampling order was systematically rotated within each cluster so that every site had the opportunity to be sampled at each of the four sampling time periods. After the basic sampling frame was constructed, several adjustments were made to assure that every possible site-day-time combination was representatively sampled.

1.3.2 Questionnaire

A copy of the questionnaire can be found in Appendix A. The content of the questionnaire included the following: the amount of previous experience the respondent has in the area, participation in various recreational activities, expenditures made in the area, perceptions (ratings) of scenery, views and other features, perceptions of the setting attributes of the area, encounter levels and conflicts with other user groups, an overall evaluation of the visit, and socio-demographic variables such as age, sex, number of children (if present), education, occupation and income. Questions were asked in such a manner as to enhance the comparability with previous studies and with the comparable recreation sites in the region. No pre-test of the questionnaire was conducted because it was essentially the same one used in 1995.

Questionnaires were coded with the site and date the information was collected. This allowed for the comparison of visitor characteristics at the site level and by date.

1.3.2a On-site Questionnaire

To meet the study objectives, interviews of visitors at each study site were made in accordance to the predetermined sampling plan. Survey personnel approached visitor groups present or arriving at the survey site during the three hour sample period. Visitors were invited to participate in the study. One visitor from each group was randomly selected to receive the on-site questionnaire. The questionnaire required about 15 minutes to complete. The surveyor then contacted the next person to participate in the study. After the visitors completed the questionnaires they were collected.

1.3.2b Mail-back Questionnaires

Mail-back questionnaires were identical to the on-site survey instrument and were administered to those visitors where completing an on-site interview would prove difficult. Survey personnel were instructed to minimize the number of mail-back questionnaires administered and to restrict their use to certain situations. These were; weather conditions that did not permit visitors to fill out questionnaires on-site (e.g., rainy or windy weather), sites where visitors were engaged in a recreation activity that would be interrupted to complete a questionnaire (e.g., wade anglers), situations where visitors were just entering the site and had not yet experienced the conditions at the site required to complete the questionnaire (e.g., campers entering a campsite or visitors launching a boat), or where the potential respondent refused to fill out a questionnaire on-site but agreed to complete a mail-back questionnaire.

Mail-back questionnaire packets contained the survey instrument, a postage paid pre-addressed envelope, a letter describing the study and the importance of their response to the success of the study, instructions on mailing the completed questionnaire, and the name and phone number of a contact person if they require additional information. Front-end data were collected and included group size and type and the respondents mailing address. Replacement questionnaires were sent to non-respondents two weeks after the initial contact.

1.4 Reporting Format

The results presented in section 1.7 summarize the findings of the visitor survey. Summary tables by site are shown in Appendix B. Results for the day use sites are aggregated in these tables. From these tables, the broad characteristics of both users and recreation use can illustrate the similarities and differences between the individual campground sites and day use sites. This information is useful for site comparisons, the identification of facility needs, and visitor satisfaction with management practices, existing facilities, and site characteristics.

Appendix C summarizes the results from the 1999 Missouri Madison Recreation Survey for sites in the Helena region. These sites are located on Hauser and Holter reservoirs just downstream from Canyon Ferry reservoir.

1.5 Survey Limitations

All survey designs have limitations that influence interpretation of the data. The 1999 Canyon Ferry Recreation Study has the following limitations:

1. The data shown reflect the responses of only those visitors in the study. The sample may not reflect the responses of other users not included in the study.
2. The data represent only those people who visited the reservoir sites during the period June 1999 through September 1999.
3. Because of survey limitations, the same questions were asked at all sites even though they may not have been appropriate at each site. In some instances, this procedure may have produced responses that were inappropriate for sites that do not exhibit the characteristics necessary to answer certain questions.

1.6 List of definitions

The terms used in this study are defined below. They should be used when interpreting the results.

Group - A set of individuals who share activities, expenses, and experiences together. They may be a family unit or several friends or may be an individual.

Mail back Questionnaire - Survey instrument to collect visitor characteristics given to visitors to fill in and then mail back. In this study, these questionnaires included a postage paid and pre-addressed envelope and a letter explaining the study and directions for returning.

Mean - The average of a set of values. The measure of central tendency toward the middle of a data set.

On-site Questionnaire - Survey instrument to collect visitor characteristics. These questionnaires were handed out and collected at the recreation site during each survey period.

Population - The collection of all individuals that are of interest and whose properties are to be analyzed.

Random Sample - A subset of the population whose individuals each have the same probability to be included in the sample.

Response Rate - The proportion of mail back questionnaires returned by visitor groups.

Sample - A subset of the population.

1.7 Results - Visitor Survey

The following section describes the results of the 1999 Canyon Ferry Recreation Survey. The tables are contained in Appendix B (results by site). The following text describes the general characteristics of each site.

1.7.1 Sample Sizes

19 sites were sampled as part of the 1999 Canyon Ferry Recreation Survey, producing 774 returned questionnaires. Table 1 shows the number of questionnaires by site. Because of low sample sizes at some day use sites, these surveys were combined with those of similar and adjacent sites for the analysis. The combined sites are: Day use - Lewis and Clark, Lorelei, Crittendon, Overlook and Orchard.

About 9% of the 774 questionnaires were mailback questionnaires that visitors filled in and returned via the mail. Of the 129 mailback questionnaires handed out, 73 were returned, resulting in a response rate of about 57%.

Table 1. Sample Size by Site

Site	Sample size
Shannon	43
Riverside	35
Court Sheriff	81
Chinamen Gulch	54
Kim's Marina	54
Jo Bonner	39
Hellgate	100
Goose Bay	51
Confederate	38
Silos	63
White Earth	67
Lorelei	7
Lewis and Clark	45
Orchard	10
Indian Road	40
Cave Bay	18
Crittendon	4
Fish Hawk	10
Overlook	14
Total	774

1.7.2 Visitor Characteristics

Age

Table B1 displays visitor characteristics by site. Visitors to the day use sites in the Canyon Ferry area were notably younger than visitors to the campgrounds. The average age of the day use visitors was 29, while campground visitors ranged in age from a low of 34 at Fish Hawk to high of 52 at Goose Bay.

Gender

Female visitors were the predominant users at the grouped day use sites with 54% of the total use. Court Sheriff, Confederate, and Cave Bay also had more females than males. Shannon received the largest ratio of male users with nearly 66% of the total. Riverside, Kim's Marina, White Earth, and Indian Road all had more than 60% male respondents.

Education

Respondents at Jo Bonner were the most educated, with over 60% having some college experience. The majority of users to both the day use and campground sites reported at least some college education. In general, there does not appear to be any discernible pattern among the sites based on education level.

Occupation

The occupation of respondents was classified according to Bureau of Census definitions. Professional, laborer, and student positions were the most often listed occupations for the day use sites. Students were the largest group comprising one third of the visitors. Retired and professional were the most often listed occupations among the campground respondents. Goose Bay had the highest percentage of retired users (33%). In contrast, only 3% of day users classified themselves as retired. The number of professionals ranged from a low of 10% at Riverside to highs of 45% and 50% at Shannon and Fish Hawk, respectively.

Income

The day use sites had the highest percentage of users who reported \$10,000 or less in household income (24%). At Kim's Marina, 28% of visitors reported \$70,000 or more in household income. The majority of visitors at all sites fell in the middle-income range, reporting that they earned between \$20,000 and \$59,000 before taxes.

Residence

Table B2 lists the state of residents for visitors by site. Montana residents constitute the largest proportion of visitors to all of the Canyon Ferry sites. The proportion of Montana residents ranged from 75% at Indian Road to 98% at Shannon (Fish Hawk had 100% Montana residents but only 10 surveys were returned at that site). Non-resident visitors were mainly from Washington, Idaho, and California.

Table B3 lists the county of residence for Montana visitors. The resident visitors were primarily from four counties: Lewis and Clark, Gallatin, Silver Bow, and Yellowstone. Lewis and Clark County residents comprised a significant percentage of the visitors to most of the campgrounds, and 84% of Montana resident visitors at day use sites.

Group Characteristics

Table B4 shows the characteristics of groups by site. The vast majority of visitors were with family and friends. Most of the groups were comprised of 3 to 7 people, though Silos had an average group size of 10.5. Most groups included between 1 and 2 children. Indian Road had the highest proportion of solo visitors at 24%.

The proportion of groups in which someone had a disability is shown in Table B6. Confederate, Court Sheriff, and Goose Bay had the largest proportions of visitors with disabilities, with 35%, 32%, and 25% respectively. Difficulty walking, asthma, and arthritis were the most common disabilities reported. However, there was a significant amount of variation in the types of disabilities reported among the sites.

1.7.3 Trip Characteristics

Table B5 shows various trip characteristics by site. At most of the sites, less than one third of the visitors were on their first visit. Court Sheriff and Indian Road reported the largest proportions of first time visits. At most sites, more than 60% of the respondents who had previously been to the site had visited more than ten times.

At the campgrounds, most of the visitors intended to stay overnight. However, Indian Road and Riverside had high proportions of day use visitors (73% and 43%, respectively). Most of the overnight visitors were staying 3 to 5 nights. Kim's Marina had an average length of stay of 34 nights. However, several visitors there were staying for the entire season, and their plans had a strong influence on the average. At the other sites, Cave Bay visitors reported staying the longest, an average of 7 nights. Since Cave Bay is a day use site, visitors must have been reporting their plans to stay nearby. Indian Road had the shortest length of stay with an average of just under 2 nights.

Visitors were asked what their reasons were for choosing the recreation site where they were contacted (Table B7). Several of the most important reasons for choosing a particular site were: close to home, easy to get to, good facilities, good fishing, been there before, and scenic beauty. These reasons seem to have the strongest support across all of the sites.

Visitors were also asked to identify the primary reason for their choice of site. The most important reason for choosing a day use site, given by 23% of respondents, was previous experience at the site ("been here before"). At campgrounds, visitor's responses were variable. Some of the most common primary reasons given were close to home, good facilities, and easy to get to.

Visitors were asked if other sites being too crowded was a reason they chose a particular site. Table B7.1 lists the sites that visitors cited as being too crowded. Court Sheriff, Hellgate, and Chinamen's Gulch were the most frequently cited as being too crowded.

1.7.4 Recreation Activity Participation

Table B8 shows the percentage of visitors who participated in various activities for each site. The most common uses at the grouped day use sites were swimming, sunbathing, picnicking, and walking or hiking. Swimming was the most prevalent day use activity with an average of 82% of the respondents participating. Sunbathing was also very popular with over a 70% participation rate. Just over one third of the visitors participated in walking or hiking. Only 4% of the day use visitors went fishing from a boat and 1% fished from shore.

Among campground visitors, swimming, sunbathing, picnicking, and walking were also popular activities. However, fishing was much more popular, with over 50% participating in boat or bank angling at every site. Boat angling was most prevalent at White Earth, with 78% of visitors participating. Bank angling was most popular at confederate, where 58% of respondents participated.

Powerboating and jetskiing were most popular at Kim's Marina (63% and 20% participation, respectively). In contrast, at day use sites only 5% participated in powerboating and 10% participated in jetskiing.

Viewing wildlife was most popular at Chinamen's Gulch, where 36% of respondents participated, and least popular at day use sites where about 9% of respondents participated.

1.7.5 Measures of Satisfaction

Trip Satisfaction

Respondents were asked to rate their satisfaction with their recreation trip. Three general statements regarding trip satisfaction were presented to each respondent. Respondents were asked to rate their trip in terms of the best ever, the best to that area, and enjoyable enough to take again. Evaluating trip satisfaction for each of these three statements provides an understanding of visitor's experiences relative to their expectations. The specific statements were:

- 1. This trip was better than any other recreation experience I remember.*
- 2. This trip was better than any other trip to this area I remember.*
- 3. This trip was so good I would like to take it again.*

Responses were coded from strongly disagree (-2), neutral (0), to strongly agree (2). An overall trip satisfaction scale was calculated for each respondent by averaging their responses to the

three satisfaction statements. Table B9 shows the mean response to each question and the scaled score by site.

Responses to each of these three statements provide insight into the levels of trip satisfaction and into the importance of the recreation visit relative to other recreation experiences. Only at Kim's Marina were visitor's evaluations of their experiences positively scored as the best recreation experience ever. At the other sites, average responses to this item were all slightly negative. The most negative evaluations of this item (-0.47) were at the day use sites.

When comparing their trip relative to all other trips to that area, visitors still generally rated their satisfaction as slightly negative. In other words, on average, visitors somewhat disagreed that their current visit was better than any past trip to the area. However, visitors at Kim's Marina, Jo Bonner, Confederate, and Indian Road all rated this item slightly positive.

Visitors agreed with the statement that the recreation experience was so good they would take it again. However, their overall agreement was not very strong. For most of the sites, responses to this statement were only slightly above neutral. Visitors at Kim's Marina were the most likely to agree with the statement and visitors to Silos were just slightly above neutral in their opinions.

Overall trip satisfaction levels were around neutral for most of the sites. Kim's Marina had the highest satisfaction index score (0.48), and Silos had the lowest score (-0.14).

Visitor Perceptions of Existing Site Characteristics

Visitors were asked to indicate the attributes they felt were most important at a site and then to rate their satisfaction with those attributes at the interview site. Table B10 shows the site conditions that visitors felt were most important and Table B11 shows the average ratings of those conditions by site.

When assessing visitor satisfaction with site conditions, it is helpful to understand the level of importance visitors place on each site attribute. Attributes that users feel are very important at a site should receive greater management attention than those they deem less important. If, for example, visitors rate campsite and picnic area conditions as very important, then management should show a greater concern if satisfaction levels with these conditions are relatively low. On the other hand, if visitors feel that these conditions are not very important, then managers can focus more on the attributes and conditions that users feel are most important.

To present the data contained in Tables B10 and B11, the percent of users who find the site attribute as important (Table B10) and the average level of satisfaction (Table B11) have been combined into one graph for each site attribute. Figures 1 through 19 further illustrate the relative differences between sites in terms of the importance and satisfaction users described for the site attributes measured. Satisfaction scores are mostly positive but it should be noted that **the satisfaction scale goes from -2 to +2.**

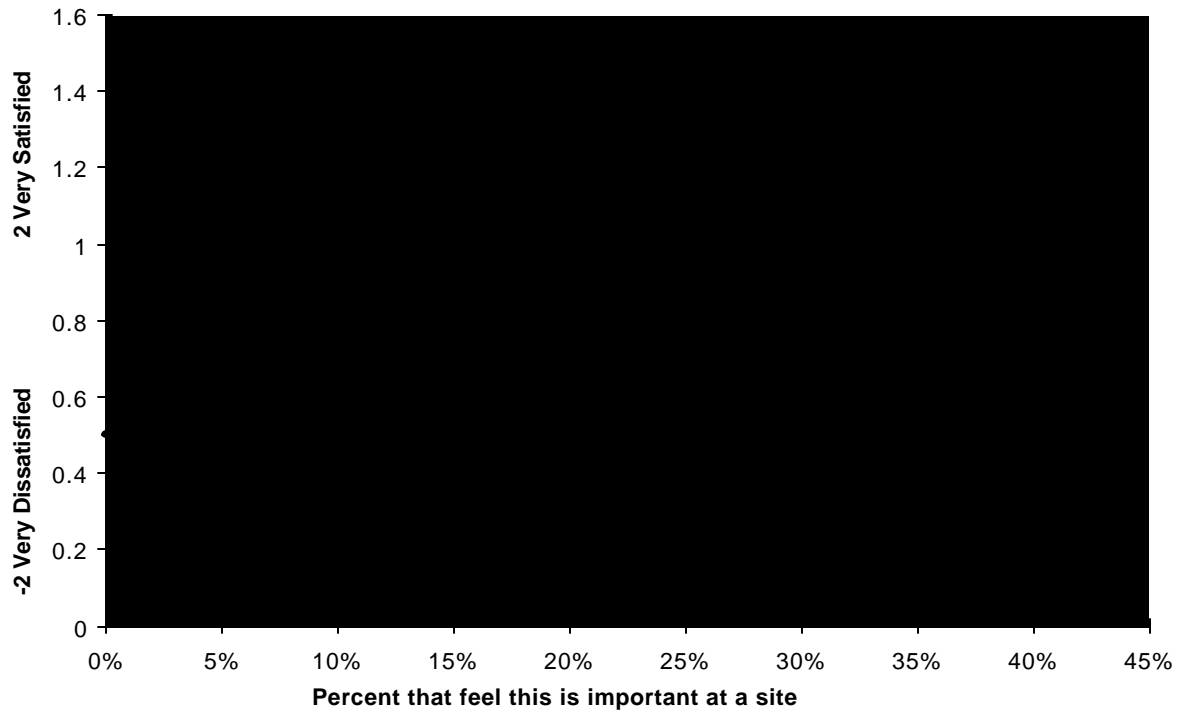
To interpret the information in the graphs, it is best to first note the relative proportion of visitors who find the condition important - what percentage of users find this attribute important? Then note the average satisfaction levels - are they low or high? Next, is the pattern spread out or tightly compacted? This is a measure of the variability among sites. Then, is there a positive relationship between importance and satisfaction - as importance increases, does satisfaction also increase? Finally, what is the significance of the outliers, those points that do not generally conform to the other points?

From a management perspective, any areas with high importance proportions and low satisfaction levels are where attention needs to be focused. Here visitors feel that a given attribute is very important to them but are unsatisfied with its condition at the site. On the other hand, attributes with high satisfaction and low importance may need less attention in the future as users do not find them important and are satisfied with their present conditions.

Campsite and picnic area conditions

Visitors to the Canyon Ferry area felt that the condition of the campsite and picnic areas were fairly important. For most of the sites 15% to 40% of the visitors indicated that this was an important condition. No visitors at Fish Hawk felt this was important, but only ten surveys were returned from this site. Of the other sites, Confederate and Shannon had the lowest proportions at around 6%. Visitors were generally satisfied with the condition of the campsite and picnic areas. Every site received an average positive score. Jo Bonner visitors were the most satisfied with these conditions, while Fish Hawk and White Earth visitors were the least satisfied.

Figure 1. Importance of and satisfaction with campsite and picnic area conditions.



GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Quality of Lewis and Clark interpretive and educational Information

Visitors did not find the quality of Lewis and Clark interpretive or educational information as important as some other site conditions. Also, visitors tended to be neutral in their satisfaction with these conditions. The subset of users who felt these conditions were important, and who indicated a general interest in Lewis and Clark history and activities on other portions of the questionnaire, is analyzed in detail in a supplement to this report titled *Analysis of Lewis and Clark Enthusiasts in the Missouri Madison Corridor*.

Figure 1. Importance of and satisfaction with the quality of Lewis and Clark interpretive and educational information.



GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Quality of interpretive and educational Information

Visitors did not find the quality of the interpretive or educational information very important. In fact, less than 2% of visitors at any site listed interpretive information as an important feature at a recreation site. Clearly, Canyon Ferry visitors are pursuing other interests when they recreate in the area.

Figure 3. Importance of and satisfaction with the quality of other interpretive and educational information.

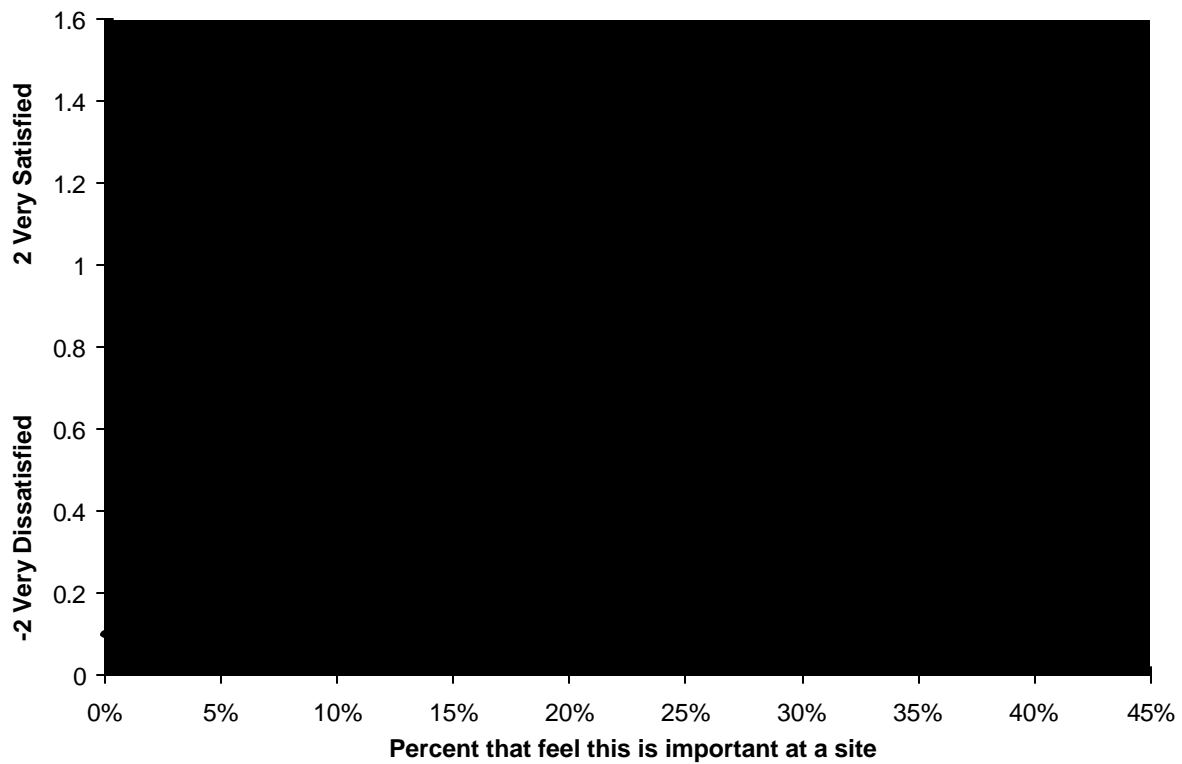


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Maintenance of facilities

The upkeep and maintenance of facilities was important to many visitors, with over 40% listing these conditions as important at Riverside and White Earth. In general, campground visitor's opinions about the importance of facilities maintenance were quite variable. Just over 5% of Indian Road visitors felt that maintenance was important, compared to nearly 45% at White Earth. Relatively fewer day use visitors felt that maintenance was important, and these visitors were also the least satisfied with present conditions.

Figure 4. Importance of and satisfaction with the maintenance of facilities.

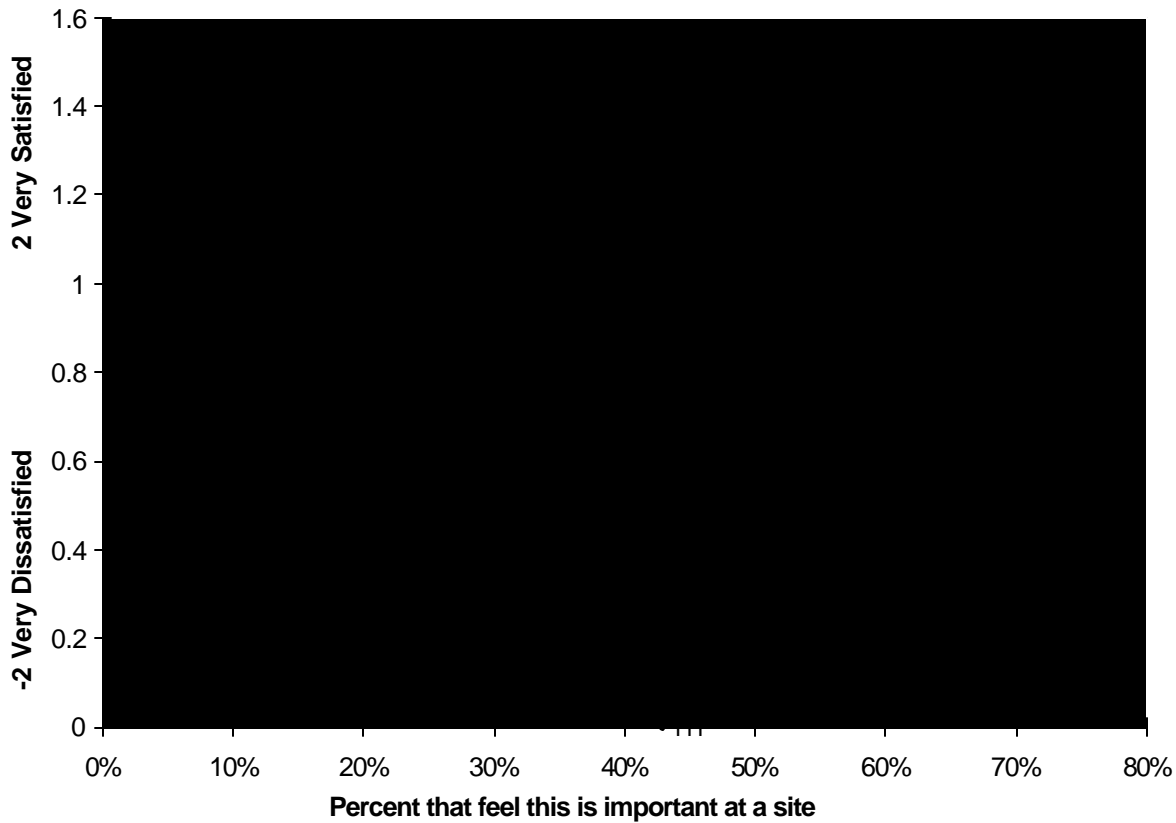


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Cleanliness of area

A majority of visitors felt that the cleanliness of a recreation site was important. At the marinas Goose Bay and Kim's Marina, cleanliness was less important. Satisfaction levels were generally high with the cleanliness of the campground sites. Visitors to the day use sites were somewhat less satisfied than the campers.

Figure 5. Importance of and satisfaction with the cleanliness of the area.

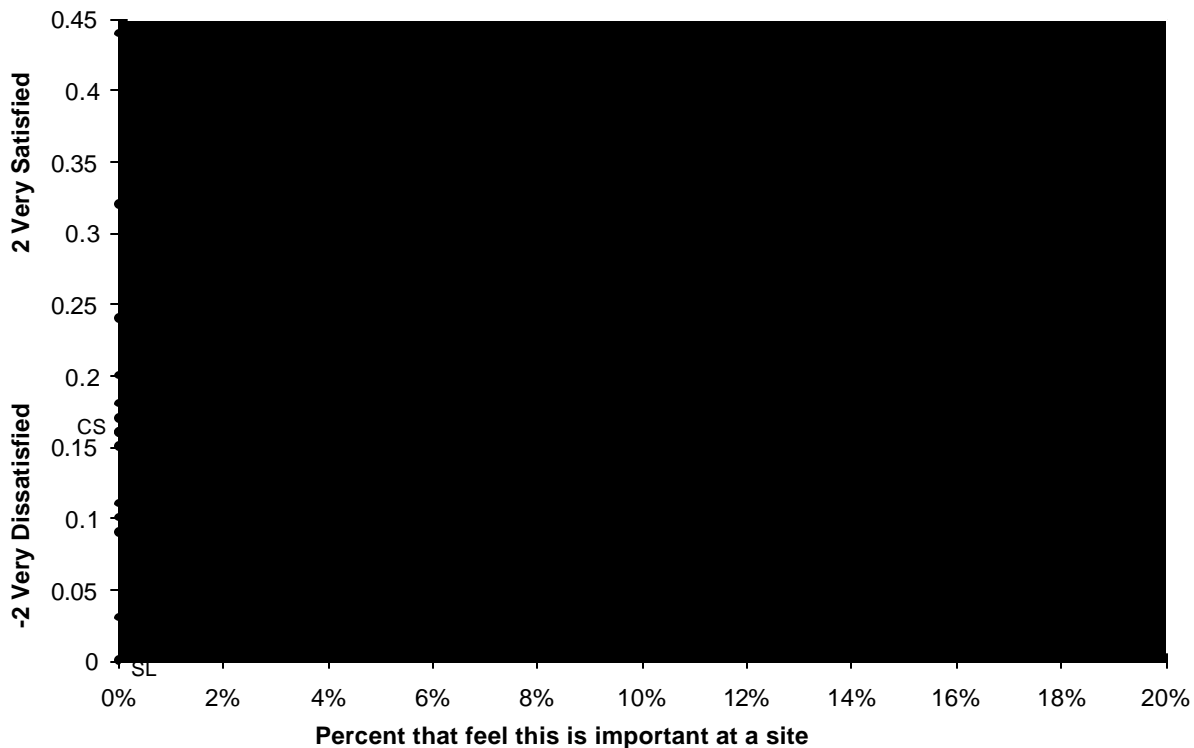


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Historical Information

Visitors were less concerned about the importance of historical information at a recreation site than some other site conditions. Overall, a large majority of the visitors did not feel this information was important at the site they were visiting. Satisfaction with this information was also generally low. There is no discernable pattern of importance or satisfaction among campground sites or between campgrounds and day use sites.

Figure 6. Importance of and satisfaction with historical information.



GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Privacy of the area

A significant proportion of the visitors felt that privacy of an area was important. At most sites, 25% to 35% listed privacy as important. However, More than 45% of visitors at Confederate felt it was important, and less than 10% felt it was important at Cave Bay. In general, importance and satisfaction scores were similar at all sites.

Figure 7. Importance of and satisfaction with the privacy of the area.

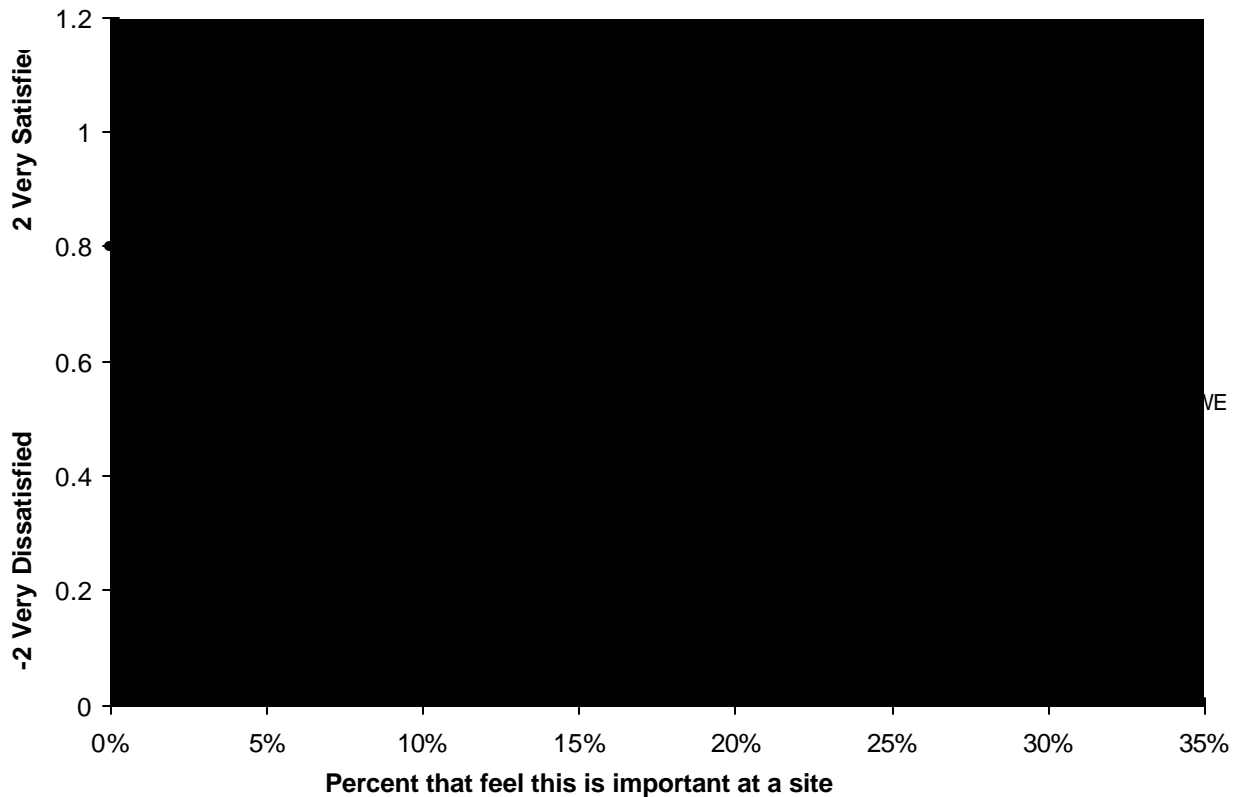


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Behavior of other people

Many visitors felt that the behavior of other people was an important condition at a recreation site. Compared to the other sites, significantly more visitors at White Earth felt that other people's behavior was important. Visitors at White Earth were also relatively less satisfied with the behavior of other people. In general, importance and satisfaction scores were similar at all of the other sites.

Figure 8. Importance of and satisfaction with the behavior of other people.

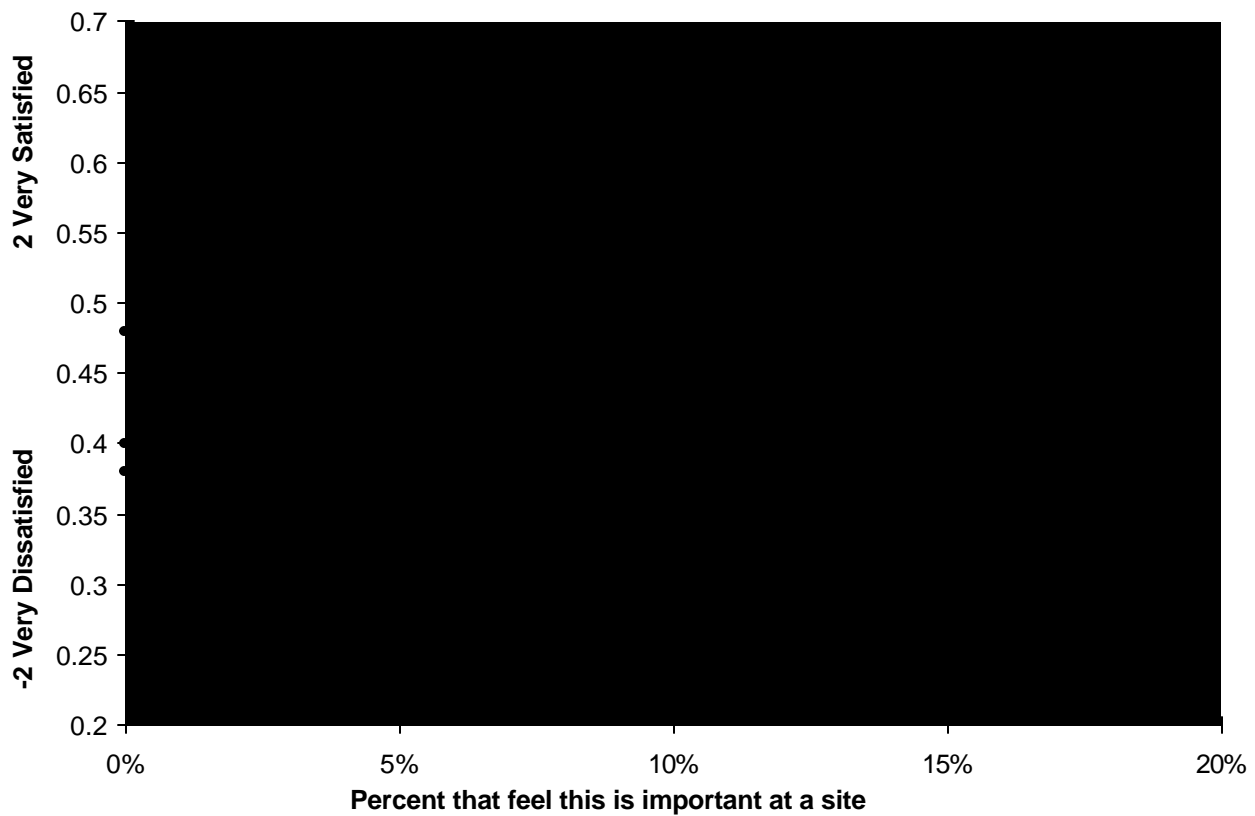


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Little conflict with other users

Visitor's evaluations of conflicts with other users and their importance were highly variable. At Indian Road, Fish Hawk, and Kim's Marina, no respondents indicated that [few] conflicts were important at a recreation site. In contrast, nearly 15% of respondents at Jo Bonner indicated that conflicts were important. Likewise, satisfaction with conflicts ranged from a low of 0.24 at Goose Bay to a high of 0.67 at Chinamen's Gulch. There does not appear to be any difference between visitor evaluations at campgrounds compared to the day use sites.

Figure 9. Importance of and satisfaction with conflict with other users.

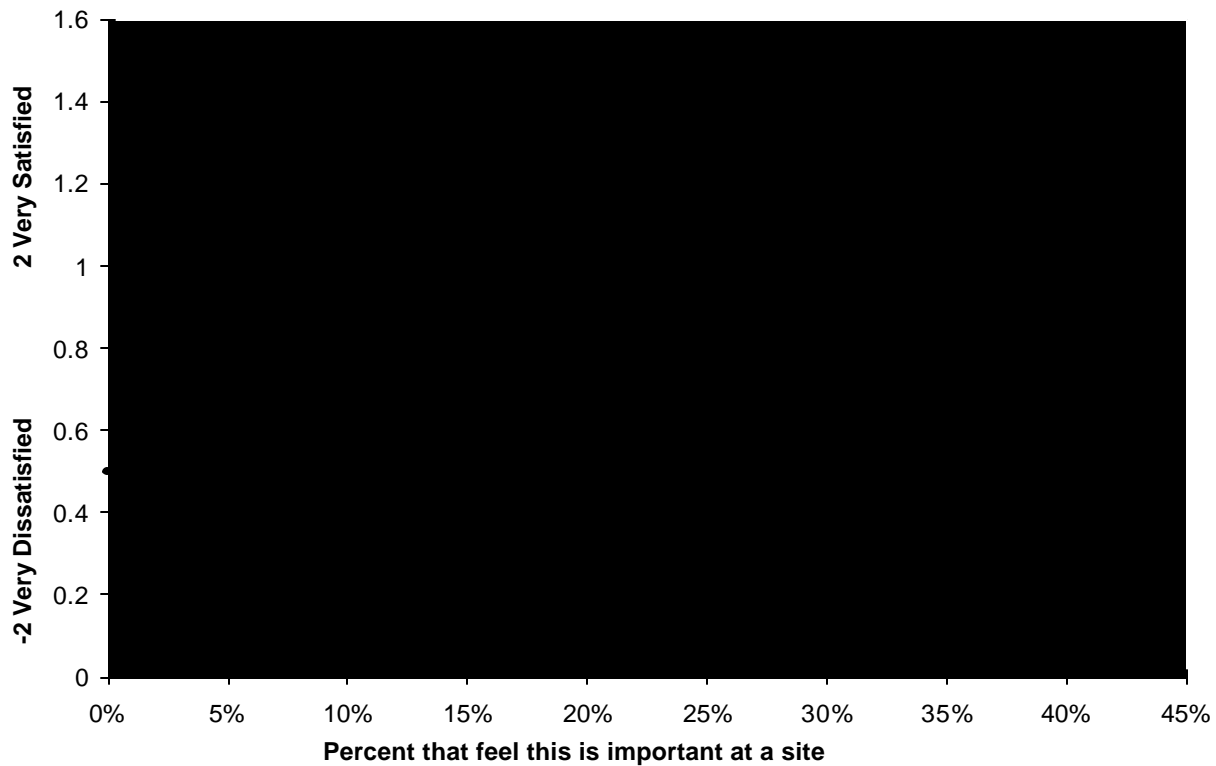


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Number of campsites within site or sound

The proportion of visitors who felt that the number of campsites within site or sound was important was highly variable between sites. At Fish Hawk, no visitors felt this was an important feature, while at Riverside, more than 40% felt it was important. In general, satisfaction at all sites was relatively high. However, White Earth had the lowest average satisfaction as well as a relatively high proportion of visitors who indicated that this was an important feature.

Figure 10. Importance of and satisfaction with the number of campsites within site or sound



GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Seeing and hearing few others

At most sites, only 5% to 15% of visitors indicated that seeing and hearing few others was important. However, at Fish Hawk and Cave Bay, nearly 30% indicated it was important. Satisfaction at most sites was slightly positive, except at Fish Hawk, where it was highly positive, and at Court Sheriff, where it was slightly negative. Responses to day use sites were similar to those at campgrounds.

Figure 11. Importance of and satisfaction with seeing and hearing few others.

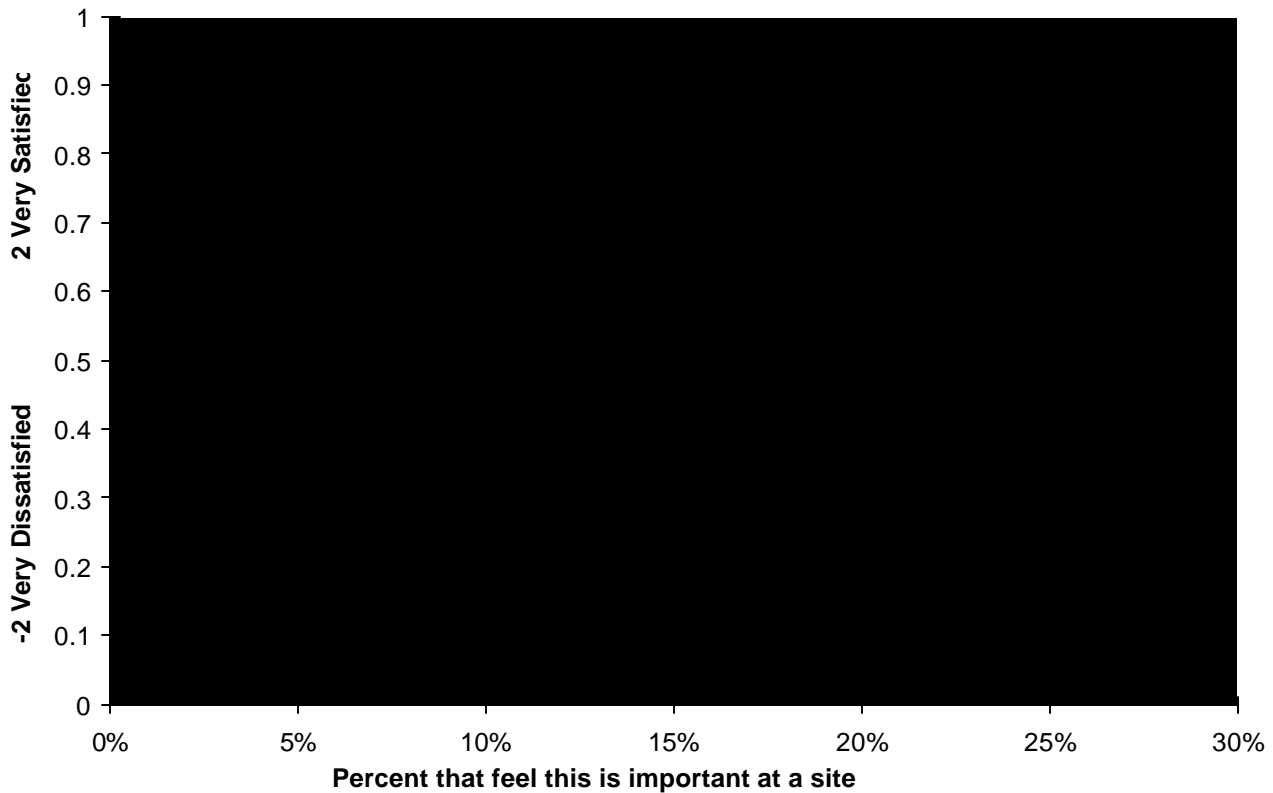


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Few rules or restrictions

Almost 25% of visitors at Jo Bonner indicated that few rules or restriction was an important feature at a recreation site, compared to less than 5% at Shannon. In general, only a small proportion of visitors at all sites felt that having few rules was important. At the day use sites, visitors felt that having few rules was relatively less important than at campgrounds.

Figure 12. Importance of and satisfaction with few rules or restrictions.

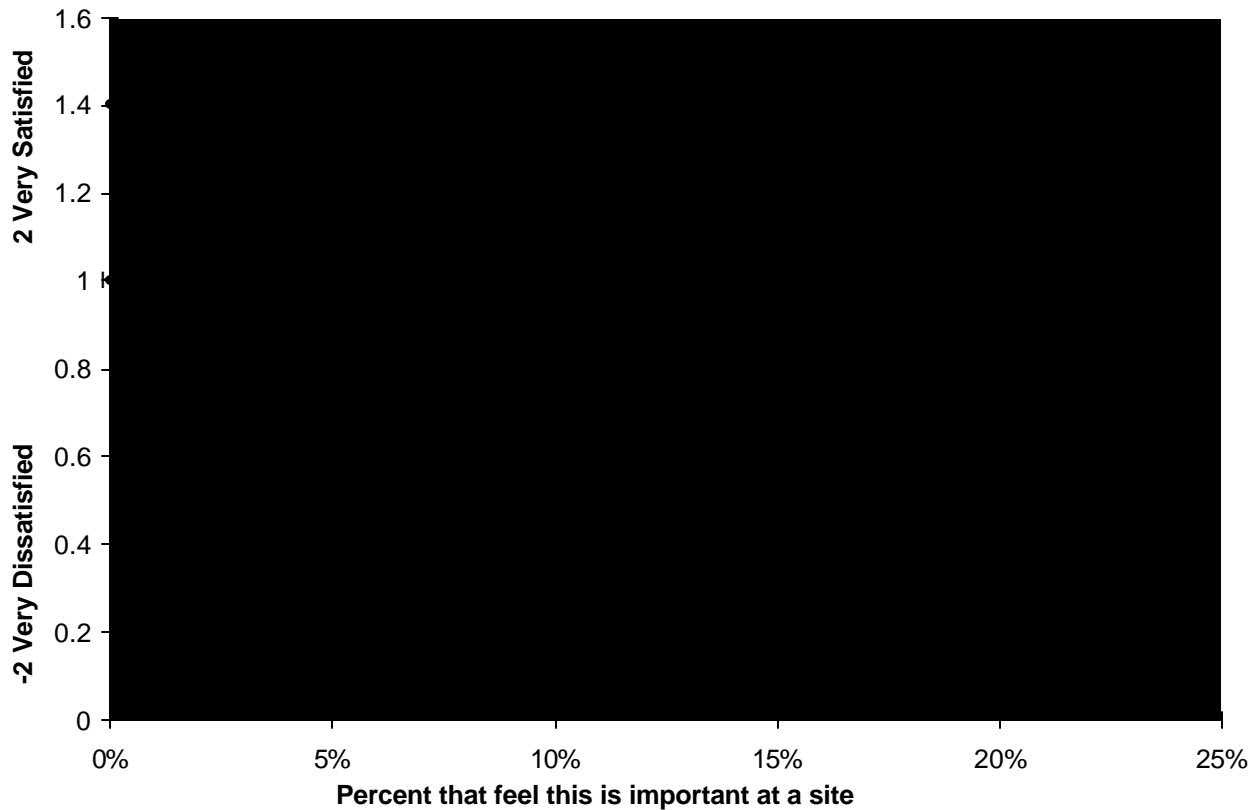


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Condition of natural features

The proportion of visitors who felt the condition of the natural features at a recreation site was important ranged from 0% at Fish Hawk and Hellgate, to over 20% at Cave Bay. While the proportion of visitors who indicated that natural features were important was highly variable, satisfaction scores were very similar at all sites. Although Cave Bay had the lowest average satisfaction, its score was not much different than the other sites'.

Figure 13. Importance of and satisfaction with the condition of the natural features.

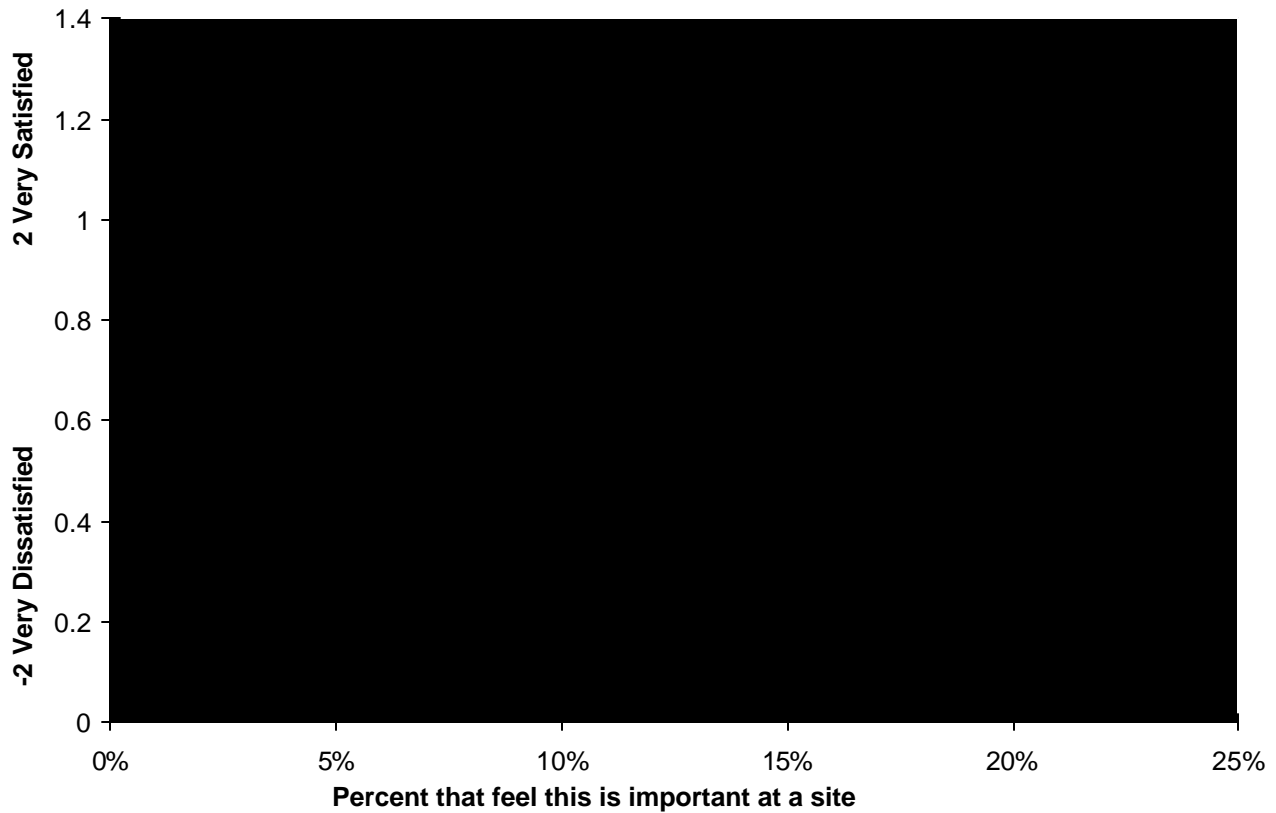


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

High degree of naturalness

Between 5% and 25% of respondents indicated that a high degree of naturalness was important. Generally, as importance went up, satisfaction increases as well. Confederate had the highest proportion of importance and also the highest visitor satisfaction, while Kim's Marina had the lowest proportion of importance, and also the lowest average satisfaction.

Figure 14. Importance of and satisfaction with the high degree of naturalness.

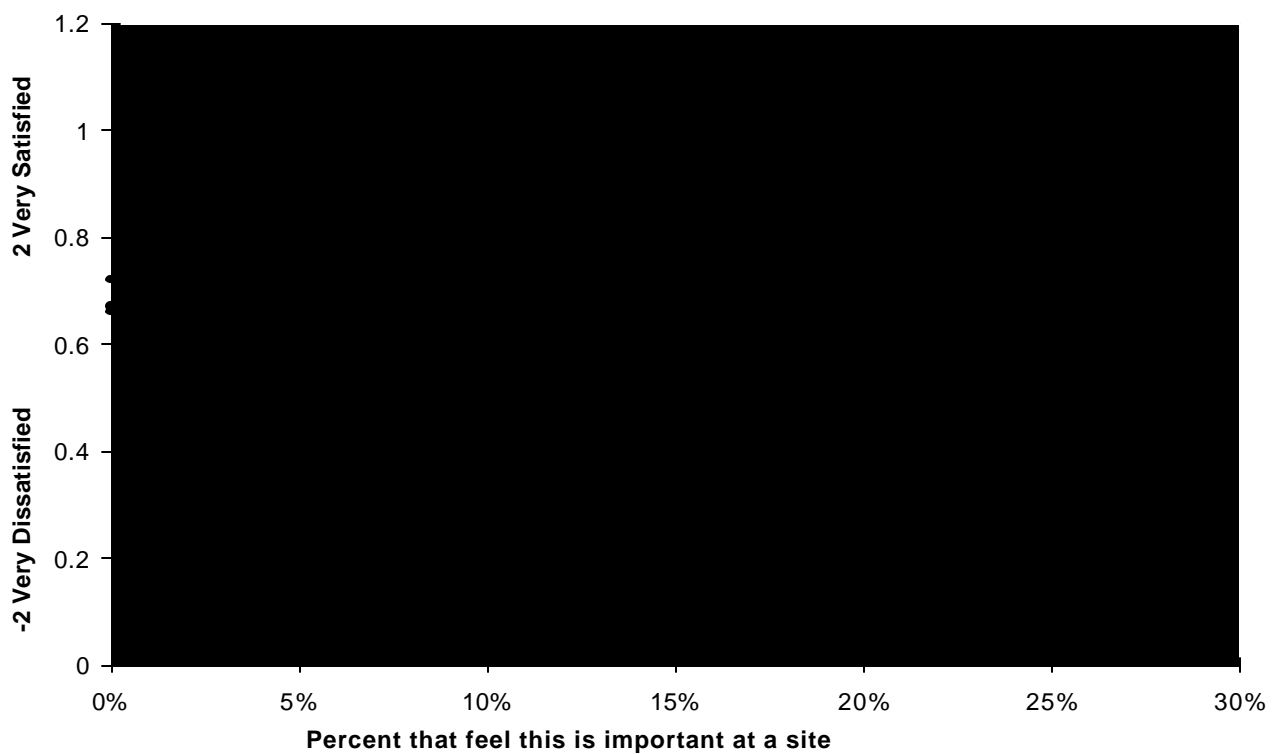


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Appropriateness of developments

The proportion of visitors who felt that the appropriateness of the developments at a recreation site was important varied considerably among the sites. At Riverside, Fish Hawk, and Jo Bonner, no respondents felt that the appropriateness of developments was important, while at Cave Bay, nearly 25% indicated that it was. At most sites, 5% to 12% indicated that this was an important feature. Satisfaction scores were all positive and fairly similar across sites.

Figure 15. Importance of and satisfaction with the appropriateness of developments.

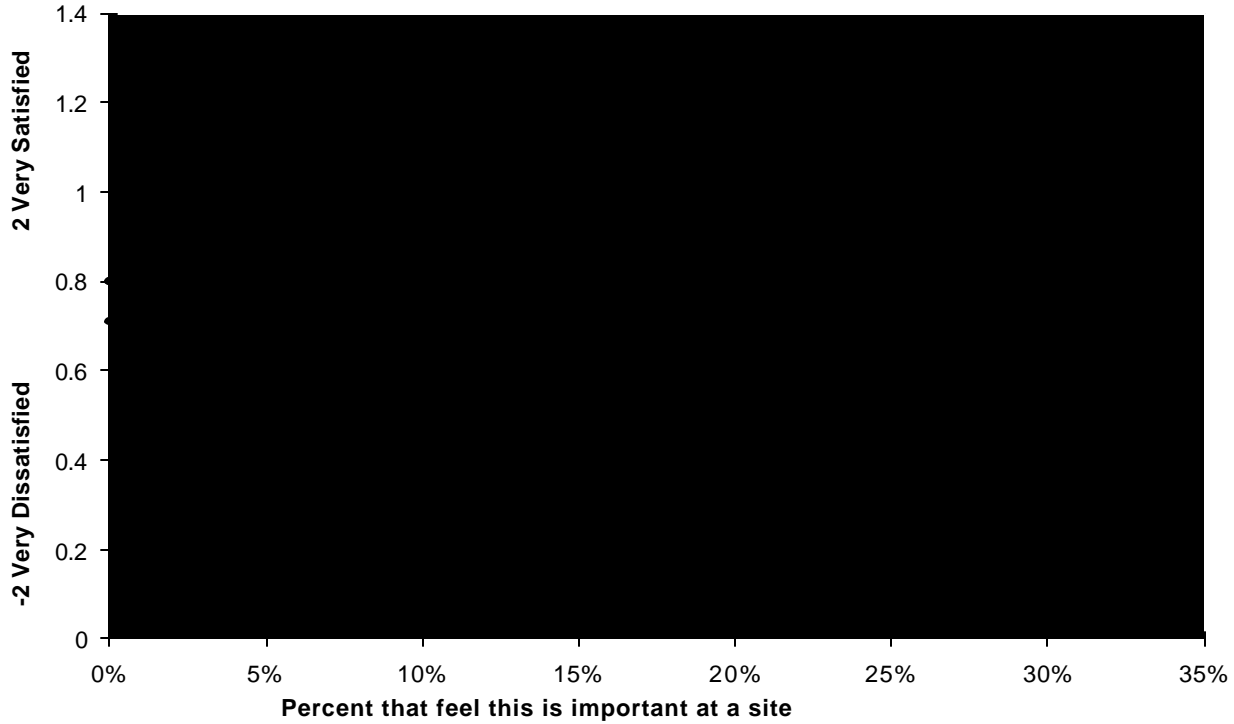


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Low amount of development

Less than 20% of respondents felt that a low amount of development was important at a recreation site. In general, satisfaction went up as importance increased. Day use sites had one of the lowest average satisfaction scores.

Figure 16. Importance of and satisfaction with the low amount of development.

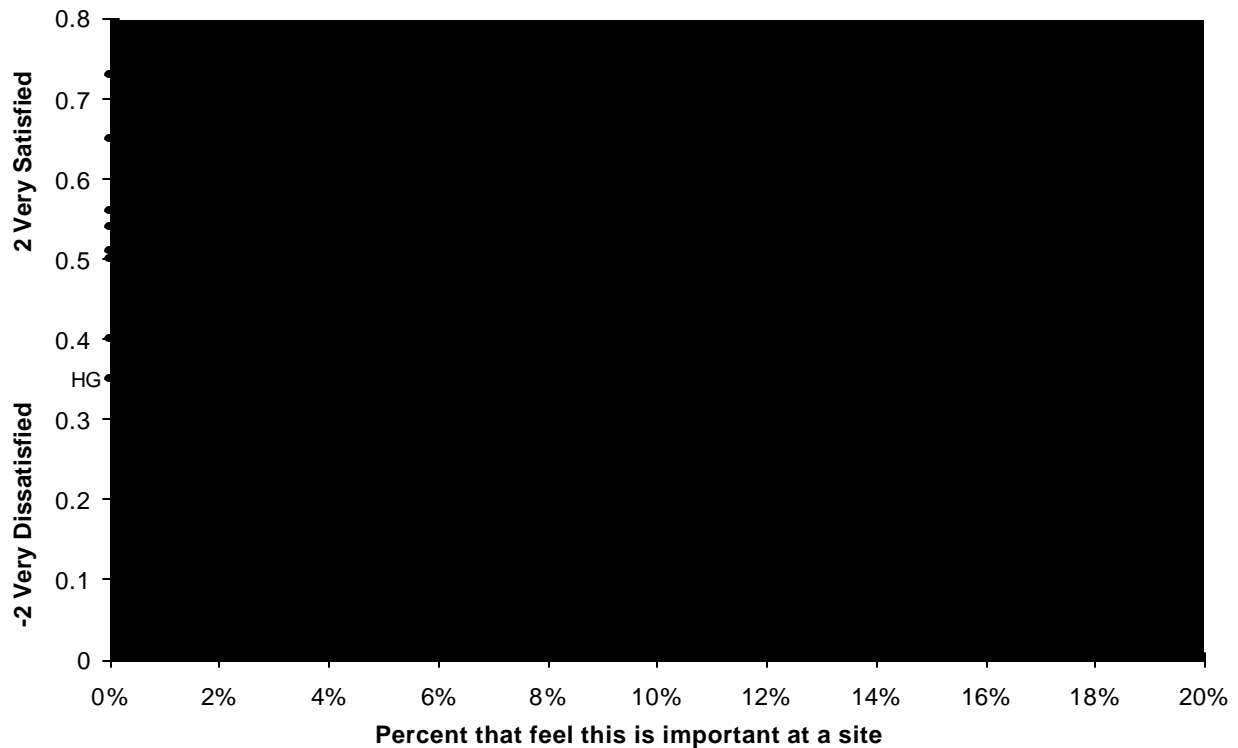


GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Low amount of residential development visible from the water

Less than 8% of visitors at any site indicated that a low amount of residential development visible from the water was important. At half of the sites, no visitors indicated that this was an important feature. Satisfaction was similar at most sites, with day use sites receiving the lowest average score.

Figure 17. Importance of and satisfaction with a low amount of residential development visible from the water.



GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

Number of fish caught

At many sites, a significant proportion of the visitors felt that the number of fish caught was important. In contrast to the campgrounds, few of the day use site visitors felt this was important. At almost half of the sites, visitors tended to be neutral or slightly dissatisfied with the number of fish caught at the site. Dissatisfaction levels were generally consistent among these sites. At Goose Bay, satisfaction was significantly higher than at most other sites. At Riverside, more than 40% of visitors indicated that the number of fish caught was important, but their satisfaction with this condition was relatively low.

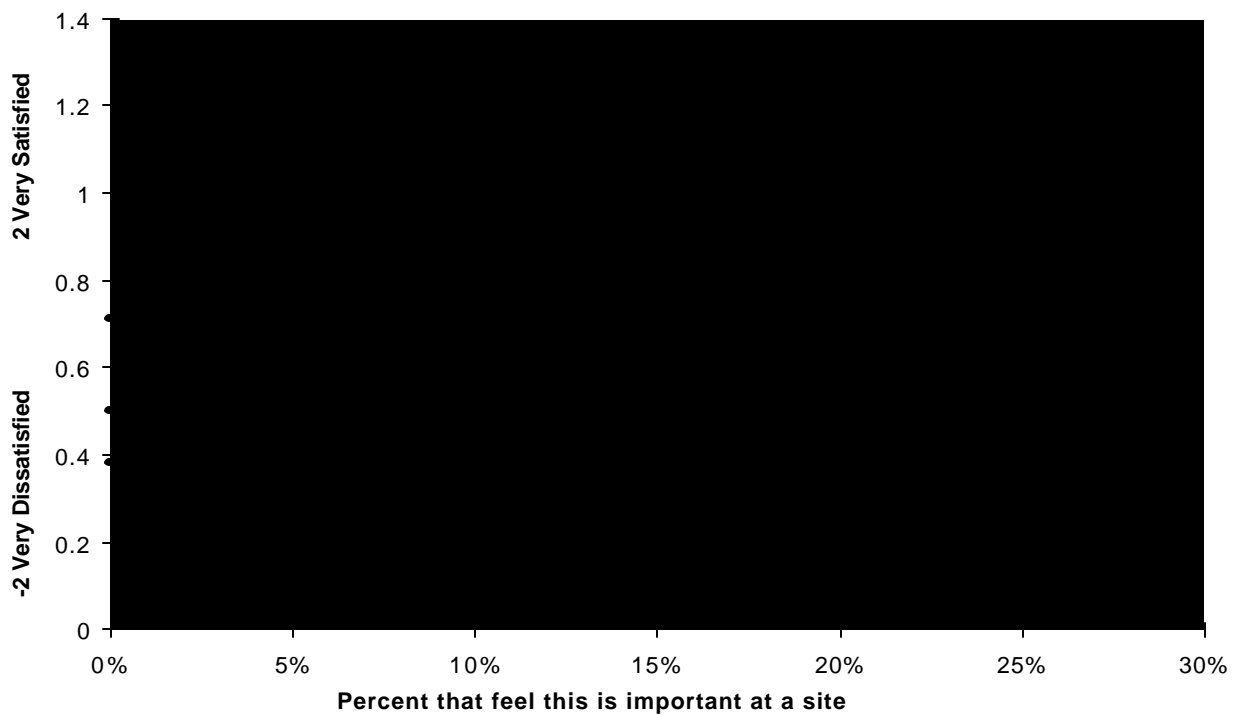
Figure 18. Importance of and satisfaction with the number of fish caught.



Opportunity to view wildlife

A relatively small proportion of visitors felt that wildlife viewing was important at a recreation site. Only at Indian Road did more than 15% of visitors feel this was important. Satisfaction scores were highest at Goose Bay, and lowest at the day use sites. At Cave Bay, where visitors indicated that natural features were important, no visitors felt that the opportunity to view wildlife was important.

Figure 19. Importance of and satisfaction with the opportunity to view wildlife.



GB-Goose Bay	CG-Chinamen's Gulch	RS-Riverside	CS-Court Sheriff
HG-Hellgate	KM-Kim's Marina	WE-White Earth	SL-Silos
FH-Fish Hawk	JB-Jo Bonner	DU-Day Use Sites	SH-Shannon
CF-Confederate	IR-Indian Road	CB-Cave Bay	

1.7.6 Visitor Perceptions of Facility Needs

General Facility Needs

An important component of managing the recreation resources within the corridor is whether the existing facilities are adequate for the types of use present. To help identify whether facilities are adequate, visitors were asked if they felt that any additional facilities or services were needed at each site. The percent of visitors that felt additional facilities or services were needed and what the additional facilities or services should be, are reflected in Table B12. The additional facilities are listed in order of overall magnitude and are reported by site.

Less than half of the visitors to the day use sites felt that the existing facilities were adequate. Of those who felt that additional facilities were needed, picnic tables and trash bins were the most mentioned items, with 11% of visitors indicating that more were needed. Other commonly cited needs included an eatery (11%), water fountains (7%), and more or cleaner restrooms (4%).

At the other sites, most visitors felt that additional facilities were needed. The proportion of visitors indicating a need for additional facilities ranged from a high of 73% at Goose Bay (Fish Hawk had 80% but this represents only 8 surveys as a total of 10 were returned at that site) to a low of 43% at Kim's Marina. The facilities cited most often included showers, dump stations, and running water. There were no overwhelming facility needs, although 45% of visitors at Riverside mentioned either showers or a dump station, and running water was mentioned at almost every site.

Disabled Facility Needs

Visitors were asked if additional facilities were needed to accommodate those with disabilities. Table B13 notes the proportion of visitors who felt that there were facility or service needs for the disabled, and what those needs were. Less than one quarter of the visitors felt that there was a need. For the day use sites the most often mentioned disabled facility needs were more access to the water, paved surfaces, and wider ramps. At the other sites, the disabled facilities needed varied considerably from site to site. The most common needs were the same as those identified at the day use sites.

1.7.7 Recreational and Resource Use Encounters and Conflicts

The number of other uses visitors encounter is important in understanding the relationship between use levels and existing and/or potential conflicts. Visitors were asked to indicate the number of specific recreational types and resource uses they encountered and to then evaluate how they felt about these encounters. The types of encounters were; canoes, powerboats, water skiers, jetskis, bank anglers, wade anglers, boat anglers, river floaters, livestock, shoreline development, and hunters. Encounter levels and visitor evaluation of these encounters by site are shown in Table B14.

Canoes

The majority of visitors did not encounter canoes on their trip. The proportion of visitors who did see canoes ranged from 5% at Goose Bay to 30% at Cave Bay. Just under one quarter of the day use visitors reported seeing canoes, and 5% disliked their encounters. All of the other respondents indicated that they either enjoyed seeing the canoes or did not mind seeing them.

Powerboats

Almost 70% of the visitors to the day use sites reported seeing powerboats, and 8% indicated that they disliked seeing them. The proportion of visitors to the campgrounds that saw powerboats ranged from 15% at Indian Road to 96% at Riverside. Most of the visitors reported seeing under 21 boats. At Cave Bay, nearly 17% of visitors saw more than 30 powerboats. Most visitors at all the sites either enjoyed seeing powerboats or did not mind. The highest percentage of dissatisfaction was at Indian Road, where 20% disliked their encounters.

Water-skiers

Almost 60% of the day use visitors had seen water-skiers, but less than 2% reported that they disliked seeing them. The proportion campground visitors who saw water-skiers ranged from 10% at Indian Road to more than 80% at Hellgate. Most of the visitors reported seeing less than eleven water-skiers. The majority of the visitors either enjoyed or did not mind seeing them. The highest dissatisfaction rates were at Goose Bay and Indian Road, where 25% reported that they disliked their encounters.

Jetskis

The proportion of visitors that reported seeing jetskis varied significantly among the sites. At the day use sites, almost 40% saw no jetskis, while only 14% saw no jetskis at Chinamen's Gulch. Confederate visitors had few jetski encounters, with almost 70% of visitors seeing no jetskis, and most of the others seeing only 1 to 5. A significant proportion of visitors disliked seeing jetskis. At Goose Bay, nearly 60% of visitors were unhappy with their encounters, and at Hellgate and Indian Road, 40% were unhappy. At the day use sites, 11% disliked seeing jetskis.

Bank Anglers

Less than one third of visitors to the day use sites saw bank anglers. In contrast, more than half of visitors to most of the other sites had bank angler encounters. Riverside had the highest proportion of bank angler encounters, with over 80% reporting that they saw bank anglers. At the grouped day use sites, no one disliked seeing bank anglers, but at Shannon nearly 11% of the visitors who saw them disliked the encounter. Jo Bonner, Hellgate, and White Earth are the only other sites where visitors reported that they disliked any bank angler encounters.

Wade Anglers

Overall, more than 80% of visitors said they did not see any wade anglers. Of those visitors who did encounter wade anglers, the majority reported seeing from 1 to 5. Riverside had the

highest encounter rate among the sites, with about 25% reporting encounters. Shannon and Hellgate were the only sites where any visitors reported that they did not like seeing wade anglers. At the grouped day use sites, slightly more than 10% of the visitors saw wade anglers and most did not mind seeing them.

Boat Anglers

The majority of visitors reported encountering boat anglers, except at the grouped day use sites where almost 70% of visitors saw none. At Riverside, 95% of visitors saw boat anglers, but none disliked their encounters. In contrast, only 20% of Indian Road visitors saw any boat anglers, but 17% disliked their encounters.

River Floaters

Overall, less than 15% of the visitors reported seeing river floaters. The highest encounter rate was at Shannon where 17% of the visitors said they had seen them. Of the visitors who did see river floaters, they generally encountered from one to five. For the most part, visitors did not mind encountering river floaters.

Livestock

A relatively small proportion of visitors at most of the sites reported seeing livestock. The highest proportion of visitors that had seen livestock were at Indian Road and White Earth with about 19% each. Only 6% of the day use visitors indicated they had seen livestock. Most visitors either enjoyed seeing or did not mind seeing the livestock. However, 33% of Shannon visitors who saw livestock reported that they disliked their encounters.

Shoreline Development

Reports of encounters with shoreline development were highly variable. At the grouped day use sites, 70% of visitors did not see any. At the other sites, the proportion of visitors who saw shoreline development ranged from 6% at Confederate to 62% at Kim's Marina. The proportion of visitors who disliked seeing shoreline development was also highly variable. At the grouped day use sites, 12% disliked seeing it. At the other sites, the proportion of visitors who disliked seeing shoreline development ranged from 0% at Goose Bay, to 60% at Cave Bay.

1.7.8 Crowding

Visitors were asked to evaluate how crowded they felt during their visit and where the crowding, if any, occurred. The perception of crowding was measured on the nine-point scale shown below. Table B15 shows the responses to this scale by site.

1	2	3	4	5	6	7	8	9
<i>Not at all</i>		<i>Slightly</i>		<i>Moderately</i>		<i>Extremely</i>		
<i>Crowded</i>		<i>Crowded</i>		<i>Crowded</i>		<i>Crowded</i>		

The majority of visitors at all the sites felt only slightly crowded or less. A significant proportion did not feel crowded at all. Mean crowding scores ranged from a low of 1.29 at Indian Road to a high of 3.94 at Hellgate.

At the grouped day use sites, one third of the respondents did not feel crowded at all, 14% felt moderately crowded, and just over 1% felt extremely crowded. At the other sites, a greater proportion of visitors did not feel crowded at all, but there were also more visitors who felt extremely crowded. Hellgate, Cave Bay, and Jo Bonner had the greatest proportions of visitors who felt extremely crowded, with 5%, 6%, and 11%, respectively.

In general, a greater proportion of day use visitors felt some degree of crowding, but a higher percent of campground visitors reported feelings of moderate to extreme crowding.

1.7.9 Displacement

Displacement occurs when visitors no longer use a site due to some perceived negative attribute that has developed at that site. Displacement is difficult to measure because managers can not elicit responses from recreationists who no longer visit.

Displacement can occur for a variety of reasons - those most common are conflicts with other user groups, crowding and congestion, and changes in the setting attributes of a site (e.g., the level of site development or a change in management policy).

If visitors are displaced, the existence of substitute sites or experiences can affect how they react. Typical responses to being displaced include changing the time of the visit (e.g., off season versus busy times), visiting some other site in the region (substitute site), visiting some other area (substitute area), engaging in some other activity (activity substitute), or not engaging in any activity at all.

Several questions were asked of visitors to examine some potential causes of displacement and behavioral responses within the Missouri corridor. To identify some of the underlying reasons for displacement in the corridor, visitors were asked if there were any sites they no longer visited in the area, which sites they no longer visited, and what their reasons were for no longer visiting these sites. To measure how visitors might respond to being displaced and the degree to which substitute sites and activities exist within the corridor, visitors were next asked how they would react to the potential closure of the site in which they were interviewed.

Reasons for Displacement

Table B17 shows the percent of visitors who said there were recreation sites they no longer visited and the reasons for their displacement. Overall, 12% of the grouped day use visitors indicated that there were recreation sites that they no longer visited. Crowding, "dirty", and overuse were the most often cited reasons for no longer visiting. At the other sites, the percentages of displaced visitors were variable. Fish Hawk and Goose Bay had the greatest proportions of visitors who reported being displaced from another site (56% and 40%, respectively), while Shannon and Chinamen's Gulch had the smallest proportions (2% and 10%, respectively). Some common reasons for displacement given by campground visitors were crowding, overuse, resource degradation, and fees. Overall, there did not appear to be any geographic pattern to displacement or the reasons for displacement.

Behavioral Responses to Displacement

To measure how visitors might respond to being displaced and the degree to which substitute sites and activities exist within the corridor, visitors were asked how they would react to the potential closure of the site in which they were interviewed (Table B19). The majority of the visitors simply said they would visit another site in this area. This illustrates that visitors perceived that there were local alternatives or substitute sites available. Fewer visitors said they would visit a site somewhere else, except at Hellgate, where over one third of visitors chose this option. Visitors may have felt that many alternatives were present in the local area or maybe that the resources in that area were so unique that few other areas offer the same characteristics.

Visiting at some other time was the second most popular option at the grouped day use sites, but usually the third option at the campgrounds. Few visitors indicated that they would stay at home, except at Kim's Marina and Goose Bay, where about 20% chose this option. Even fewer visitors said that they would do some other activity. The level of activity substitution reflects how dependent visitors were on the area for their chosen recreation activity and on the number of substitute opportunities available. Overall, less than 5% of the visitors indicated that they would choose another activity.

1.7.10 Attachment to Place

Visitors were asked to respond to a series of questions developed to measure place attachment. These questions were designed to measure the strength of visitors attachment to the recreation site or area. The strength of their attachment reflects their willingness to accept changes in the site's attributes or changes in the levels and types of uses, and how they might respond to these changes.

Table B20 shows the average scores to the place attachment questions by site. In general, the campground visitors appear to have a greater attachment to place than the day use visitors. However, attachment to place was not very strong for any sites. The statement that respondents most strongly agreed with was, "This is the best place for what I like to do." The statement that they least agreed with was, "A lot of my life is organized around this place." Visitors had the

strongest feelings of place attachment at Jo Bonner, Kim's Marina, and Cave Bay. In contrast, visitors at Silos demonstrated almost no place attachment at all.

1.7.11 Expenditures

Average trip expenditures by site are shown in Table B21. Overall, the campground visitors spent at least three times more than the day use visitors. Day use visitors spent an average of about \$26 on their trips, compared to campground visitors who spent between \$33 (Fish Hawk) and \$194 (Court Sheriff). Campground visitors spent more than day use visitors in every expenditure category.

Much of the difference in expenditure levels between sites can be explained by how long visitors spent on-site, and their residency status (i.e. Montana resident or not). The following table shows the difference in average expenditures for overnight versus day use. Overnight visitors spent more than two times as much as day users.

Table 2. Average Group Trip Expenditures for Overnight and Day Use Visitors.

	Overnight	Day Use
Motel/hotel/BB	2.02	6.84
Campground/RV parks	18.92	0.86
Guides/outfitters	0.52	6.43
Licenses/entrance fees	6.33	1.43
Auto/RV rental/repairs	4.35	4.50
Transportation expenses	1.28	0.76
Gasoline/oil	33.92	14.05
Restaurant/bar	8.45	7.97
Groceries/snacks	46.54	12.40
Retail goods	8.71	14.67
Other expenditures	2.30	0.42
Total expenditures	134.54	70.31

Whether visitors were Montana residents or not also had an effect on expenditure levels. The table below shows the average trip expenditures made in the corridor for Montana residents and non-residents. Non-residents spent an average of \$195 per trip in the corridor compared to Montana residents who spent about \$90.

Table 3. Average Group Trip Expenditures by Residency Status.

	Residency	
	Montana	Nonresident
Motel/hotel/BB	2.23	13.25
Campground/RV parks	10.55	15.66
Guides/outfitters	0.15	17.94
Licenses/entrance fees	3.85	6.49
Auto/RV rental/repairs	3.77	7.46
Transportation expenses	0.81	2.35
Gasoline/oil	23.77	34.13
Restaurant/bar	6.27	18.29
Groceries/snacks	30.19	42.31
Retail goods	6.89	33.33
Other expenses	1.16	3.43
Total expenditures	90.19	195.49

2 - Estimates of Use at Selected Sites

2.1 Introduction

This section of the report illustrates the methods used to estimate use levels for individual sites. Estimates are displayed as total number of visitors for the summer period July 1, 1999 to September 30, 1999. Use levels were estimated based on previous estimates from the 1995 study.

2.2 Methodology

In the 1995 study, use levels were estimated for each survey site for the summer season. Estimates were based on observations and counts made during the three-hour sample periods at each site. Visitors entering the site during the sample period were counted and the total number of visitors entering was tallied. The average number of visitors entering the site per period was then calculated based on the average of all sample periods for each site. Separate average estimates per time period were calculated for weekday and weekend use. Use estimates were calculated for individual sites based on each of the four time frames for each stratum (weekday vs. weekend). The total number of observation hours, as well as the total number of visitors for each time frame was calculated. The total number of visitors was then divided by the total observation hours to determine the estimated number of visitors per hour for each time frame. The estimated total seasonal visitors for each time frame was calculated by multiplying the visitors per hour by the total seasonal hours. The estimated total seasonal visitors for each site resulted from the sum of the total seasonal visitors of each time frame within the site.

While the above method was useful and, in most cases, produced estimates that were comparable to those from other studies, there are at least two reasons why repeating the same methodology might produce significantly different results. First of all, the large number of sites sampled for this project meant that each individual site was visited by a surveyor relatively few times over the summer. A single very slow or very busy day could have a drastic effect on the use estimate for that site--especially at sites where use is low to begin with. In addition, some sites are inherently difficult to monitor; especially those that are very busy or have multiple entrances or highly dispersed use (e.g. the Silos campground). In the 1995 study, surveyors developed strategies for addressing these difficulties. A different strategy adopted by 1999 surveyors might have produced significantly different use estimates.

Since one of the main purposes of the 1999 Canyon Ferry Survey was to gather information for comparison with results from the 1995 survey, all 1999 estimates are based on the estimates from 1995. For each site, the proportions of Montana and nonresident visitors were calculated and a standard multiplier (1.3% increase for residents and 8% increase for nonresidents) for each proportion was applied to the use estimate from 1995.

For example: The 1995 use estimate for Riverside was 5,395. Montana residents accounted for 85% of use in the area and nonresidents accounted for 15%. Multiplying the increases in resident visitation (1.3%) and nonresident visitation (8%) since 1995 by their respective proportions, then adding the products to the 1995 estimate, we get the following:

$$\begin{aligned}
 (.85 * 5,395) + (.85 * 5,395 * .08) &= 4,645 \text{ [resident use estimate]} \\
 (.15 * 5,395) + (.15 * 5,395 * .08) &= 874 \text{ [nonresident use estimate]} \\
 4,645 + 874 &= \mathbf{5,518} \text{ [1999 use estimate for Riverside Campground]}
 \end{aligned}$$

2.3 Estimates of Use by Site

The following table contains the estimates of use by survey site. The use estimates are intended to reflect the number of visitors that entered each site during the period from July 1, 1999 through September 30, 1999.

Table 4. Use estimates by site for the period July 1999 through September 1999.

Site	1999 Resident	1999 Non-resident	Total
Shannon	9299	1750	11049
Riverside	4645	874	5518
Court Sheriff	7267	1367	8635
Chinamens Gulch	5959	1121	7081
Kim's Marina	9365	1762	11127
Jo Bonner	2214	417	2630
Hellgate	5167	972	6139
Goose Bay	908	171	1078
Confederate	1433	270	1702
Silos	5097	959	6055
White Earth	3912	736	4648
Lorelei	1865	351	2216
Lewis and Clark	3919	737	4657
Orchard	2325	437	2762
Indian Road	5760	1084	6843
Total	69134	13007	82141

3 - Comparison with Results from the 1995 Study

3.1 Introduction

This section compares results from the 1995 Canyon Ferry Recreation Survey to results from the 1999 study. The recreation sites sampled in 1999 were the same as those sampled in 1995 with a few exceptions. In 1999, Crittendon and Overlook were added to the grouped day use sites (Orchard, Lorelei, and Lewis and Clark) and are referred to throughout this study as "day use." Shannon and Cave Bay, while they are day use sites, were not added to this group because they had large, stand-alone sample sizes and are located on different sections of the reservoir. Also, Indian Road and Fish Hawk were treated as individual sites in 1999. While Fish Hawk had a very small sample size (N=10), it was treated as a separate site because it is a unique, tent-only campground. In addition, in 1995 Goose Bay and Confederate were treated as one site, while in 1999 these sites were sampled and evaluated separately. For these reasons, the 1995 study included analyses of 10 sites, while the 1999 study includes 15 sites. This section compares only the sites that both the 1995 and 1999 studies share in common. Those sites are: Riverside, Court Sheriff, Chinamen's Gulch, Kim's Marina, Jo Bonner, Hellgate, Silos, White Earth, and the grouped day use areas. A sample size (N) for both studies is given for each site. In some cases, significantly different sample sizes from 1995 to 1999 may have influenced the comparisons. The comparisons provided in this section only highlight differences in visitor responses. Similarities will not be discussed.

Riverside

1999 Differences

- 1995 N=146, 1999 N=35
- The user was slightly younger
- More respondents in 1999 had only a high school education
- Significant differences in occupation of respondents with 1999 visitors including less retired individuals, more craftsmen and laborers, and significantly fewer professionals
- Overall higher income for 1999 respondents
- In 1999, 81% were from Montana while only 68% were from Montana in 1995
- Number of family groups was similar but 1999 showed more friend groups
- Fewer first time visitors in 1999
- Fewer overnight stays in 1999
- Those spending the day spent more of their time at the site in 1999 than in 1995
- Most important reason for visiting this site in 1999 was good fishing followed by scenic beauty. In 1995, close to home, good facilities, and easy to get to were the most important reasons.
- Overall trip satisfaction dropped in 1999
- More users in 1999 indicated a need for additional facilities. Riverside respondents indicated a need for showers and dump stations.

- In general, encounters and satisfaction with encounters remained the same between the two years. The only major difference was in shoreline development. 1999 respondents were less bothered by shoreline development than 1995 respondents.
- Perception of crowding went down slightly in 1999.
- Only 12% of 1999 users no longer visit some sites, compared to 20% in 1995
- Behavioral responses to closure of the site differed in 1999. More 1999 users would visit at some other time rather than choose another site.
- Attachment to place indicators basically stayed the same between the two years.
- Trip expenditures went up in 1999 and are probably best explained by inflation.

Top Five Activities at Riverside

- '95 - boat angling, auto/RV camping, sightseeing, viewing wildlife, bank angling
- '99 - boat angling, bank angling, auto/RV camping, viewing wildlife, picnicking
- Activities were similar between the two years

Importance of site attributes differences at Riverside

- '95 - cleanliness, facility maintenance, campsite/picnic conditions, privacy, behavior of others
- '99 - cleanliness, campsite/picnic conditions, facility maintenance, number of fish caught, privacy
- In 1999, number of fish caught came moved into the top five of importance criteria

Site conditions with the highest satisfaction ratings at Riverside

- '95 - camp/picnic conditions, cleanliness, little conflict with others, behavior of others, natural features (range .96 to .73 on a -2 to +2 scale)
- '99 -cleanliness, facility maintenance, condition of natural features, camp/picnic conditions, behavior of others (range 1.22 to 1.03 on a -2 to +2 scale)
- 1999 users are more satisfied overall

Court Sheriff

1999 Differences

- 1995 N=80, 1999 N=81
- The 1999 respondents had a higher proportion of females than in 1995
- Fewer respondents in 1999 had a college education and more had a high school education
- There were many more family groups in 1999
- 1999 visitors at Court Sheriff had a higher percentage of first time visitors compared to 1995
- More people had visited fewer times in the past
- Slightly fewer respondents stayed overnight in 1999
- More people with disabilities, especially those with back problems or restricted to wheelchairs, came to Court Sheriff in 1999

- Close to home became a more important reason people chose this site in 1999
- 1999 trip satisfaction was up slightly
- 15% more said facilities are needed and showers were the most commonly mentioned facility need
- Powerboats as well as water-skiers were accepted more in 1999
- 20% fewer respondents disliked seeing jetskiers in 1999, indicating that the tolerance level for jetskiers has increased
- 20% fewer people said they disliked seeing shoreline development
- Perceptions of crowding were down slightly in 1999
- Fewer people were displaced to other sites in 1999
- Respondents had a higher attachment to the site compared to 1995
- Trip expenditures were higher in 1999

Top Five Activities at Court Sheriff

- '95 - Auto/RV camping, swimming, fishing from boat, powerboating, sightseeing
- '99 - Swimming, auto/RV camping, sunbathing, dayhiking, sightseeing, picnicking
- Sunbathing, dayhiking, and picnicking were more popular in 1999

Importance of site attributes differences at Court Sheriff

- '95 - cleanliness, facility maintenance, campsite/picnic conditions, privacy, behavior of others
- '99 - cleanliness, privacy, campsite/picnic conditions, facility maintenance, behavior of others
- There were no differences between what was important at the site from 1999 to 1995

Site conditions with the highest satisfaction ratings at Court Sheriff

- '95 - Cleanliness, facility maintenance, camp/picnic conditions, natural features, little conflict with others (range 1.06 to .66 on a -2 to +2 scale)
- '99 - cleanliness, facility maintenance, camp/picnic conditions, condition of natural features, degree of naturalness (range 1.43 to .82 on a -2 to +2 scale)
- In 1999, naturalness surfaced among the top five areas of satisfaction

Chinamen's Gulch

1999 Differences

- 1995 N=38, 1999 N=54
- The user was slightly older and had slightly more post graduate education
- The user was more likely to be a professional, less likely to be retired, and had slightly higher income
- Group types were generally the same although there was about an 8% increase in groups of friends
- Fewer first-time visitors in 1999

- Visitors were more likely to have visited Chinamen's Gulch more than 10 times and more likely to have been visiting more than 10 years
- Visitors were less likely to spend the night
- Visitors were less likely to spend 6 or more hours in a day visit
- Reasons for choosing the site basically stayed the same, but scenic beauty came out on top
- Overall trip satisfaction went up slightly
- Fewer respondents saw a need for disabled facilities
- 13% more 1999 visitors disliked seeing livestock
- 18% fewer visitors in 1999 were concerned about shoreline development
- Visitors felt more crowded in 1999
- Visitors were slightly more attached to the place in 1999

Top Five Activities at Chinamen Gulch

- '95 - Swimming, auto/RV camping, walking/hiking, sightseeing, picnicking
- '99 - swimming, auto/RV camping, sunbathing, walking, sightseeing
- Activities stayed similar between the two years but sunbathing came out higher than in the past

Importance of site attributes differences at Chinamen Gulch

- '95 - cleanliness, campsite/picnic conditions, behavior of others, facility maintenance, privacy
- '99 - cleanliness, privacy, campsite/picnic conditions, facility maintenance, behavior of others
- Important site attributes remained the same in 1999

Site conditions with the highest satisfaction ratings at Chinamen Gulch

- '95 - Cleanliness, camp/picnic conditions, opportunity to view wildlife, facility maintenance, natural features (range 1.11 to .82 on a -2 to +2 scale)
- '99 -cleanliness, camp/picnic conditions, facility maintenance, condition of natural features, degree of naturalness (range 1.13 to .94 on a -2 to +2 scale)
- satisfaction ratings were similar with degree of naturalness coming into the top five in 1999

Kim's Marina

1999 Differences

- 1995 N=54, 1999 N=54
- More male respondents in 1999
- Significantly more professionals and slightly fewer retirees in 1999
- Higher income levels in 1999
- 20% more Montana residents than in 1995
- Same basic pattern of group types, although in 1999 groups of friends went up slightly

- 88% of visitors had been to Kim's Marina in 1999, while only 62% were repeat visitors in 1995
- 1999 visitors had been to the site more times and had been visiting more years than 1995 visitors
- The 1995 survey had no day users, while the 1999 survey had 46% who were day users
- 23% compared to 11% reported disabilities in 1999
- Overall trip satisfaction was higher in 1999
- 6% more people disliked seeing water-skiers in 1999
- 10% more people enjoyed seeing jetskiers in 1999
- 9% more people disliked seeing livestock in 1999
- 18% more people disliked seeing shoreline development in 1999
- Perception of crowding went down slightly in 1999
- Fewer people were displaced to other sites in 1999
- If the site were closed, 1999 respondents were less likely to choose another site and much more likely to either stay home or visit at another time
- Attachment to Kim's Marina went up in 6 out of the 8 variables
- Overall trip expenditures went down in 1999, probably due to the higher proportion of day visitors

Top five activities at Kim's Marina

- '95 - Auto/RV camping, walking/hiking, swimming, powerboating, water-skiing, boat fishing, sunbathing
- '99 - Swimming, auto/RV camping, sunbathing, sightseeing, picnicking
- Swimming, sunbathing, and sightseeing moved into the top five activities, which may be reflective of the proportion of day users in 1999

Importance of site attributes differences at Kim's Marina

- '95 - Campsite/picnic conditions, cleanliness, facility maintenance, behavior of others, privacy
- '99 - Cleanliness, privacy, facility maintenance, number of fish caught, campsite/picnic conditions
- The only difference in 1999 was the importance of number of fish caught, which moved into the top five

Site conditions with the highest satisfaction ratings at Kim's Marina

- '95 - Cleanliness, facility maintenance, camp/picnic conditions, little conflict with others, behavior of others (range .76 to .35 on a -2 to +2 scale)
- '99 - Cleanliness, facility maintenance, condition of natural features, camp/picnic conditions, opportunity to view wildlife (range 1.28 to .86 on a -2 to +2 scale)
- Higher satisfaction levels in 1999

Jo Bonner

1999 Differences

- 1995 N=38, 1999 N=39
- More college-educated respondents in 1999
- More professionals in 1999
- Less household income in 1999
- More repeat visitors in 1999
- More visitors who have been to the site only 1 to 5 times and who have been coming to Jo Bonner fewer years than those in 1995
- On average, visitors spent one more additional night at the site
- There was a 10% increase in visitors reporting disabilities
- Reasons for visiting Jo Bonner stayed the same: having visited the site before and scenic beauty
- Overall trip satisfaction was slightly higher in 1999
- 14% more people said additional facilities are needed in 1999
- 13% fewer people said there was a need for disabled facilities
- In 1999 all visitors enjoyed or did not mind seeing water-skiers, while 10% in 1995 disliked seeing water-skiers
- 10% more respondents indicated that there were sites they no longer visited in 1999 and crowding, too expensive or “other” were given as reasons
- Attachment to Jo Bonner went up in 1999
- Trip expenditures went up significantly in 1999 which may be due to the longer length of stay

Top five activities at Jo Bonner

- '95 - Swimming, auto/RV camping, walking/hiking, tubing, powerboating, picnicking, sunbathing
- '99 - Auto/RV camping, swimming, sunbathing, bank angling, walking
- Bank angling moved ahead of tubing in 1999

Importance of site attributes differences at Jo Bonner

- '95 - Campsite/picnic conditions, cleanliness, facility maintenance, behavior of others, privacy
- '99 - Cleanliness, facility maintenance, campsite/picnic conditions, privacy, rules and restrictions
- Rules and restrictions moved into the top 5 most important features in 1999

Site conditions with the highest satisfaction ratings at Jo Bonner

- '95 - Facility maintenance, cleanliness, camp/picnic conditions, little conflict with others, high degree of naturalness (range 1.21 to .61 on a -2 to +2 scale)
- '99 - Cleanliness, facility maintenance, camp/picnic conditions, condition of natural features, rules and restrictions (range 1.51 to .92 on a -2 to +2 scale)
- Overall higher satisfaction in 1999.

Hellgate

1999 Differences

- 1995 N=59, 1999 N=100
- Average age 3 years older in 1999
- Higher education levels in 1999
- Significantly more professionals and higher income levels
- Fewer Montana residents in 1999 (90% compared to 98% in 1994)
- Larger group sizes in 1999 and many more groups of family and friends than in 1995
- The number of first time visitors doubled in 1999 from 13% to 26%
- Number of people who spent a night dropped from 97% to 89% and length of trip dropped from 4 nights to 3 nights
- The number of people with disabilities dropped slightly
- Only 17 visitors said there was a need for disabled facilities in 1999 compared to 29% in 1995
- 25% of the visitors indicated they disliked seeing livestock in 1999 compared to 0% in 1995
- Visitors who didn't like seeing shoreline development dropped from 25% to 10%
- Perception of crowding went up in 1999 and most crowding occurred in the campsite area
- 30% of the respondents at Hellgate said there were sites they no longer visited compared to only 15% who indicated that in 1995. The top reasons for not visiting included crowding, overuse, or the site was closed
- It appears that attachment to Hellgate went down slightly overall in 1999
- Trip expenditures went up in 1999

Top five activities at Hellgate

- '95 - Swimming, auto/RV camping, walking/hiking, powerboating, fishing from boat, sunbathing
- '99 - Auto/RV camping, swimming, sunbathing, boat angling, walking
- Same activities in 1999 with slightly different order of occurrence

Importance of site attributes differences at Hellgate

- '95 - Cleanliness, facility maintenance, campsite/picnic conditions, privacy, behavior of others
- '99 - Cleanliness, campsite/picnic conditions, facility maintenance, privacy, behavior of others
- No differences compared to 1995

Site conditions with the highest satisfaction ratings at Hellgate

- '95 - Cleanliness, camp/picnic conditions, natural features, facility maintenance, low amount of development visible from water, few rules and restrictions (range .95 to .66 on a -2 to +2 scale)
- '99 - Cleanliness, facility maintenance, camp/picnic conditions, condition of natural features, degree of naturalness (range 1.33 to .80 on a -2 to +2 scale)
- Overall higher satisfaction in 1999. Satisfaction with degree of naturalness moved into the top five areas of satisfaction

Silos

1999 Differences

- 1995 N=33, 1999 N=63
- Average age was 6 years younger in 1999
- Slightly higher education level in 1999
- More professionals and significantly fewer retirees in 1999
- Higher income levels in 1999
- Group size increased by 3.5 people and was more likely to be a family group
- The number of first time visitors dropped from 44% to 32%
- Overnight stays dropped from 94% who stayed to 69% who stayed overnight
- The proportion of people with disabilities dropped from 21% in 1995 to 5% in 1999
- While satisfaction was still low, the level went up slightly in 1999
- Restroom facilities were requested more in 1999
- 11% indicated a need for disabled facilities compared to 24% in 1995
- Slightly more people indicated they liked to see jetskiers in 1999
- 11% indicated they disliked seeing shoreline development in 1999 compared to 0% in 1995
- Fewer visitors indicated they no longer visit sites in the area
- Six out of eight attachment to site variables went up slightly in 1999, indicating a slightly higher attachment to Silos
- Trip expenditures went up significantly in 1999 from \$42 to \$105, which can be partially explained by the larger group size at Silos

Top five activities at Silos

- '95 - Auto/RV camping, fishing from boat, swimming, picnicking, sightseeing, powerboating
- '99 - Auto/RV camping, powerboating, boat angling, swimming, picnicking
- Same activities in 1999 with slightly different order of occurrence

Importance of site attributes differences at Silos

- '95 - Campsite/picnic conditions, cleanliness, privacy, facility maintenance, behavior of others, campsites within site or sound
- '99 - Cleanliness, privacy, number of fish caught, behavior of others, campsite/picnic conditions

- Importance of site characteristics generally remained the same though number of fish moved into the top five

Site conditions with the highest satisfaction ratings at Silos

- '95 - Cleanliness, privacy, low amount of development visible from water, natural features, facility maintenance (range .79 to .67 on a -2 to +2 scale)
- '99 - Cleanliness, rules and restrictions, facility maintenance, camp/picnic conditions, condition of natural features (range 1.00 to .86 on a -2 to +2 scale)
- Overall higher satisfaction levels in 1999

White Earth

1999 Differences

- 1995 N=28, 1999 N=67
- Slightly more males responded to the survey in 1999
- More visitors with a college education but fewer with graduate degrees in 1999
- Significantly more craftsmen and clerical workers and fewer retirees in 1999
- Higher income levels
- 97% Montana residents compared to 85% in 1995
- Group size dropped from 6.21 to 4.37
- Number of visitor groups staying overnight dropped from 97% to 64%
- 13% indicated their group had someone with a disability compared to 4% in 1995
- Top 3 reasons for choosing White Earth in 1999 did not include "good fishing" as it did in 1995
- Overall trip satisfaction is still low, however, it did go up slightly in 1999
- More people felt a need for additional facilities in 1999 but there was no consensus on what those facilities should be
- 9% of the visitors disliked seeing water-skiers in 1999 compared to 0% in 1995
- 31% of 1999 visitors disliked seeing jetskiers compared to 20% in 1995
- 33% of 1999 visitors disliked seeing wade anglers compared to 0% in 1995
- The dislike of seeing livestock dropped from 33% in 1995 to only 5% in 1999
- The dislike of seeing shoreline development dropped from 60% to 9% in 1999
- Seven of the attachment to place variables increased slightly in 1999 showing more attachment to White Earth

Top five activities at White Earth

- '95 - Auto/RV camping, fishing from boat, powerboating, picnicking, sightseeing
- '99 - Boat angling, auto/RV camping, swimming, powerboating, walking
- Generally the same activities in 1999 with swimming appearing in the top five

Importance of site attributes differences at White Earth

- '95 - Campsite/picnic conditions, cleanliness, facility maintenance, behavior of others, little conflict with others
- '99 - Cleanliness, facility maintenance, campsite/picnic conditions, behavior of others, number of fish caught
- Number of fish caught moved into the top 5 most important site characteristics

Site conditions with the highest satisfaction ratings at White Earth

- '95 - Low amount of development visible from water, little conflict with others, behavior of others, cleanliness, degree of naturalness (range 1.00 to .68 on a -2 to +2 scale)
- '99 - Cleanliness, facility maintenance, condition of natural features, residential development visible from water, amount of development (range 1.08 to .64 on a -2 to +2 scale)
- Top five satisfaction categories included facility maintenance and low amount of development in 1999

Day Use

1999 Differences

- 1995 N=30, 1999 N=80
- Average age of respondents decreased from 35 to 29 in 1999
- Highest education level for 44% of respondents was high school in 1999, compared to 14% in 1995
- Students made up 32% of respondents in 1999 compared to 15% in 1995
- More Montana residents in 1999 (96% compared to 89%)
- Group size increased by one
- 28% were first time visitors compared to 11% in 1995
- More visitors in 1999 had visited the site more than ten times compared to 1995
- "Close to home" was the most important reason for visiting in 1999 compared to "been here before" for visitors in 1995
- Only 11% indicated that they disliked seeing jetskiers in 1999 compared to 26% in 1995
- Only 12% disliked seeing shoreline development in 1999 compared to 50% in 1995
- Perceptions of crowding dropped slightly in 1999
- If the site were closed, slightly more visitors in 1999 would visit at some other time compared to those in 1995
- All attachment to place variables were up in 1999
- Group trip expenditures dropped from \$69 in 1994 to \$26 in 1999, probably in part due to the large proportion of student respondents

Top five activities at Day Use

- '95 - Swimming, sunbathing, picnicking, sightseeing, viewing wildlife
- '99 - Swimming, sunbathing, picnicking, sightseeing, walking

- Similar activities in 1999 but walking replaced viewing wildlife in the top five

Importance of site attributes differences at Day Use

- '95 - Campsite/picnic conditions, cleanliness, facility maintenance, privacy
- '99 - Cleanliness, privacy, facility maintenance, behavior of others
- Behavior of others was higher on the importance list in 1999 than in 1995

Site conditions with the highest satisfaction ratings at Day Use

- '95 - Cleanliness, facility maintenance, camp/picnic conditions, few rules restrictions, little conflict with others (range .57 to .33 on a -2 to +2 scale)
- '99 - Cleanliness, rules and restrictions, facility maintenance, camp/picnic conditions, condition of natural features (range 1.00 to .86 on a -2 to +2 scale)
- Overall higher satisfaction in 1999. Satisfaction with condition of natural features moved into the top five categories of highest satisfaction

**Appendix A - 1999 Missouri Madison/Canyon Ferry
Questionnaire**

28a. Please use the space below for additional comments you have regarding
the management of this site.

28b. Please use the space below for additional comments you have regarding
your satisfaction with this site.

Thank you for your time!

Institute for Tourism and Recreation Research
Science Complex 442
The University of Montana
Missoula, MT 59812
(406) 243-5686
www.forestry.umt.edu/itr

Date: _____
Site: _____
Primary: _____

The University of
Montana

Institute
for
Tourism and
Recreation
Research

Missouri/Madison Recreation Visitor Use Survey



Summer 1999

1. Is this your first visit to this site?

Yes (Go to question 2)

No

1a. How many visits have you made to this site before today?

1 to 5 6 to 10 more than 10

1b. How many years have you been visiting this site?

Less than 1 1 to 2 years 3 to 5 years

5 to 10 years More than 10 years

2. On this visit, will you be staying overnight at this site?

Yes - How many nights? _____

No - About how many hours will you stay at this site?

Less than 1 1 - 2 hours 2 - 6 hours More than 6

3. Please circle all reasons why you chose to visit this site rather than another place.

- 1. Close to home
- 2. Easy to get to
- 3. Group facilities
- 4. Heard about it
- 5. Good facilities
- 6. Good fishing
- 7. Scenic beauty
- 8. Been here before
- 9. Try a new area
- 10. Lewis & Clark historical site
- 11. Specific attraction _____
Please specify.
- 12. Other sites too crowded _____
Please indicate which sites.
- 13. Other reason _____
Please describe.

3a. Please write the number from the list above of the most important reason you visited this site. _____

4. For this trip, please circle all activities you will participate in at this site.

- 1. Sightseeing
- 2. Photography
- 3. Auto/RV Camping
- 4. Tent camping
- 5. Floating/Rafting
- 6. Walking
- 7. Day hiking
- 8. Picnicking
- 9. Sunbathing
- 10. Horseback Riding
- 11. Hunting
- 12. Shooting
- 13. Swimming
- 14. Jet Skiing
- 15. Powerboating
- 16. Nature study
- 17. Tubing
- 18. Canoeing/Kayaking
- 19. Viewing wildlife
- 20. ATV/Motorcycling
- 21. Biking
- 22. Boat angling
- 23. Bank angling
- 24. Wade angling
- 25. Water skiing
- 26. Sailing/sailboarding
- 27. Visit Lewis & Clark sites
- 28. Visit other historic sites
- 29. Other _____
Please specify.

4a. Please write the number from the list above of your primary activity. _____

5. Would you visit this site again if there were an event specific to the Lewis & Clark Journey Commemoration? Yes No

17. What type of group are you with on this trip? Check only one group type.

Alone Family Friends Family & Friends

Outfitted guests Business Associates

18. Including yourself, how many people are in your traveling group?

Adults: Males _____ Females _____

Children 16 and under: _____

19. Does anyone in your group have a disability?

Yes _____

No *Please describe.*

20. Do additional accommodations need to be made for visitors with disabilities?

Yes _____

No *Please describe.*

21. What is your age? _____

22. Your gender? Male Female

23. What is the highest level of education you have completed so far?

Please circle one number only.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19+
Elementary								High School				After High School						

24. Please circle the one profession which best describes your primary occupation.

- | | | |
|-----------------|------------------------|-------------------------|
| 1. Professional | 7. Transport | 12. Armed Services |
| 2. Managerial | 8. Laborer | 13. Homemaker |
| 3. Sales | 9. Service Worker | 14. Student |
| 4. Clerical | 10. Farmer/Rancher | 15. Retired |
| 5. Craftsman | 11. Farm/Ranch Laborer | 16. Unemployed/Disabled |
| 6. Operatives | | |

25. What U.S. state, Canadian province, or foreign country are you from? _____

26. What is your home zip/postal code? _____

27. What is your approximate annual household income before taxes?

- | | |
|---|---|
| <input type="checkbox"/> less than \$10,000 | <input type="checkbox"/> \$40,000 to \$49,999 |
| <input type="checkbox"/> \$10,000 to \$19,999 | <input type="checkbox"/> \$50,000 to \$59,999 |
| <input type="checkbox"/> \$20,000 to \$29,999 | <input type="checkbox"/> \$60,000 to \$69,999 |
| <input type="checkbox"/> \$30,000 to \$39,999 | <input type="checkbox"/> \$70,000 or more |

28. Please include additional comments regarding the management of this site or your satisfaction with this site on the back of this survey.



14. What is your overall satisfaction with this trip?

Please circle one number only.

1	2	3	4	5	6	7	8	9
Not at all satisfied		Slightly satisfied			Moderately satisfied			Extremely satisfied

15. What additional facilities or services would you prefer to see at this site?

16. Indicate how many encounters you had with other recreation activities and resource uses today. Then evaluate your encounters or lack thereof. *(Mark the appropriate column after each type of use.)*

	Number of Encounters						Reaction to Encounters			
	0	1-5	6-10	11-20	21-30	31+	Enjoyed	Didn't Mind	Disliked	N/A
Canoes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
Powerboats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
Water skiers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
Jetskis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
Bank anglers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
Wade anglers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
Boat anglers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
River floaters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
Livestock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
Shoreline development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
Hunters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4
_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	2	3	4

16a. If you indicated above there were any uses you disliked encountering, where did you encounter them?

6. For this trip, what were your group's expenditures *in Montana*? Please enter the amount and the town where you spent it. If you spent money in more than one town, list each separately. Use "Additional" category for expenditures made in more than two towns or if the expenditure type does not match those listed.

<u>Expenditure Type</u>	<u>Amount Spent</u>	<u>Town</u>
Hotels, motels, bed & breakfasts	\$ _____	_____
	\$ _____	_____
Campground facility, RV Park	\$ _____	_____
	\$ _____	_____
Guides, outfitters	\$ _____	_____
	\$ _____	_____
Licenses, entrance fees	\$ _____	_____
	\$ _____	_____
Auto/RV Rental, Repair	\$ _____	_____
	\$ _____	_____
Transportation Fares (e.g., taxi fare)	\$ _____	_____
	\$ _____	_____
Gasoline, Oil	\$ _____	_____
	\$ _____	_____
Restaurant, Bar	\$ _____	_____
	\$ _____	_____
Groceries, Snacks	\$ _____	_____
	\$ _____	_____
Retail Goods	\$ _____	_____
	\$ _____	_____
Additional _____	\$ _____	_____
_____	\$ _____	_____
TOTAL:	\$ _____	

7. During this visit, how crowded did you feel?

Please circle one number only.

1	2	3	4	5	6	7	8	9
Not at all crowded		Slightly crowded			Moderately crowded			Extremely crowded

7a. If you felt crowded, where did you feel crowded? Please be as specific as possible.

8. If this site were temporarily closed, how would it affect your trip plans?

(check one statement only)

- I would visit at some other time.
- I would choose another site in this area.
- I would choose another site somewhere else.
- I would do some other activity.
- I would stay home.

9. Are there any recreation sites in this area you no longer visit?

- Yes
- No

9a. If yes, please tell us which sites and all reasons why by checking the appropriate boxes.

Site	Fees	Crowding	Conflicts with other users	Over-use	Resource degradation	Other (specify)
1.						
2.						
3.						

10. Please indicate the extent to which each statement describes your general feelings about this site. Circle one number for each statement.

	Strongly Disagree	No Opinion/ Neutral	Strongly Agree
A lot of my life is organized around this place.	-2	-1 0 1	2
This area is the best place for what I like to do.	-2	-1 0 1	2
I feel no commitment to this place.	-2	-1 0 1	2
The time I spend here could just as easily be spent somewhere else.	-2	-1 0 1	2
I am very attached to this place.	-2	-1 0 1	2
I identify strongly with this place.	-2	-1 0 1	2
This place makes me feel like no other place can.	-2	-1 0 1	2
Doing what I do here is more important to me than doing it in any other place.	-2	-1 0 1	2

11. How well do each of the following statements describe your feelings about this trip to this area? Circle one number for each statement.

	Strongly Disagree	No Opinion/ Neutral	Strongly Agree
This trip was better than any other recreation experience I remember.	-2	-1 0 1	2
This trip was better than any other trip to this area I remember.	-2	-1 0 1	2
This trip was so good I would like to take it again.	-2	-1 0 1	2

12. Please rate your satisfaction with the following conditions at this site.

Circle one number for each statement.

	Very Dissatisfied	No Opinion/ Neutral	Very Satisfied
1. Campsite/picnic area conditions	-2	-1 0 1	2
2. Quality of Lewis & Clark interpretive/ educational information	-2	-1 0 1	2
3. Quality of other interpretive/ educational information	-2	-1 0 1	2
4. Appropriateness of development	-2	-1 0 1	2
5. Maintenance of facilities	-2	-1 0 1	2
6. Cleanliness of area	-2	-1 0 1	2
7. Amount of development	-2	-1 0 1	2
8. Privacy of area	-2	-1 0 1	2
9. Condition of natural features	-2	-1 0 1	2
10. Residential development visible from water	-2	-1 0 1	2
11. Historical information	-2	-1 0 1	2
12. Behavior of other people	-2	-1 0 1	2
13. Conflict with other users	-2	-1 0 1	2
14. Degree of naturalness	-2	-1 0 1	2
15. Number of campsites within sight or sound	-2	-1 0 1	2
16. Seeing/hearing others	-2	-1 0 1	2
17. Rules and restrictions	-2	-1 0 1	2
18. Number of fish caught	-2	-1 0 1	2
19. Opportunity to view wildlife	-2	-1 0 1	2
20. Opportunity to hunt	-2	-1 0 1	2

13. Please list the above conditions you feel are *most important* at an outdoor recreation site.

Appendix B - Visitor Survey Results for Canyon Ferry

Table B1. Visitor Characteristics by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
age	29	39	47	46	37	47	43	46	52	48	46
gender											
male	46.5%	65.9%	61.3%	40.3%	52.0%	65.3%	53.8%	59.1%	55.6%	38.9%	55.7%
female	53.5%	34.1%	38.7%	59.7%	48.0%	34.7%	46.2%	40.9%	44.4%	61.1%	44.3%
highest level of education completed											
Elementary	.0%	.0%	.0%	1.3%	.0%	.0%	2.9%	.0%	4.3%	2.9%	.0%
High school	44.3%	20.5%	53.3%	41.3%	41.2%	29.2%	31.4%	41.3%	41.3%	50.0%	50.8%
College	45.7%	53.8%	30.0%	45.3%	45.1%	54.2%	60.0%	41.3%	41.3%	38.2%	30.5%
Post grad	10.0%	25.6%	16.7%	12.0%	13.7%	16.7%	5.7%	17.4%	13.0%	8.8%	18.6%
primary occupation											
professional	26.5%	45.0%	9.7%	28.6%	32.6%	32.7%	30.3%	37.2%	19.6%	16.7%	33.9%
managerial	5.9%	2.5%	.0%	8.6%	.0%	12.2%	12.1%	11.6%	4.3%	8.3%	10.7%
sales	2.9%	2.5%	3.2%	1.4%	8.7%	4.1%	3.0%	3.5%	8.7%	.0%	3.6%
clerical	5.9%	2.5%	6.5%	7.1%	13.0%	6.1%	9.1%	1.2%	4.3%	5.6%	5.4%
craftsman	1.5%	15.0%	19.4%	4.3%	4.3%	8.2%	6.1%	7.0%	8.7%	8.3%	7.1%
operatives	1.5%	.0%	.0%	1.4%	.0%	2.0%	.0%	.0%	2.2%	.0%	3.6%
transport	2.9%	.0%	.0%	.0%	.0%	.0%	3.0%	1.2%	.0%	.0%	5.4%
laborer	10.3%	12.5%	16.1%	5.7%	10.9%	2.0%	12.1%	2.3%	4.3%	5.6%	.0%
service worker	.0%	5.0%	3.2%	2.9%	6.5%	2.0%	3.0%	7.0%	4.3%	.0%	1.8%
farmer/rancher	.0%	.0%	.0%	.0%	.0%	.0%	.0%	1.2%	2.2%	5.6%	1.8%
farm/ranch laborer	.0%	.0%	.0%	.0%	2.2%	2.0%	.0%	1.2%	.0%	.0%	.0%
armed services	1.5%	.0%	3.2%	1.4%	2.2%	.0%	3.0%	2.3%	2.2%	2.8%	.0%
homemaker	2.9%	5.0%	6.5%	7.1%	4.3%	4.1%	.0%	3.5%	2.2%	11.1%	12.5%
student	32.4%	5.0%	6.5%	1.4%	8.7%	2.0%	3.0%	2.3%	.0%	5.6%	.0%
retired	2.9%	5.0%	22.6%	24.3%	2.2%	22.4%	12.1%	16.3%	32.6%	27.8%	14.3%
unemployed/disabled	2.9%	.0%	3.2%	5.7%	4.3%	.0%	3.0%	2.3%	4.3%	2.8%	.0%
household income before taxes											
less than \$10,000	23.8%	5.4%	3.7%	11.6%	4.7%	4.3%	9.4%	.0%	2.9%	12.5%	1.9%
10,000-\$19,000	15.9%	5.4%	3.7%	10.1%	11.6%	2.1%	.0%	3.8%	8.8%	28.1%	3.8%
\$20,000-\$29,000	19.0%	21.6%	14.8%	13.0%	27.9%	4.3%	12.5%	10.1%	14.7%	6.3%	11.5%
\$30,000-\$39,000	15.9%	16.2%	14.8%	15.9%	7.0%	19.1%	12.5%	27.8%	11.8%	15.6%	19.2%
\$40,000-\$49,000	9.5%	10.8%	25.9%	15.9%	7.0%	14.9%	28.1%	15.2%	23.5%	12.5%	28.8%
\$50,000-\$59,000	6.3%	5.4%	11.1%	13.0%	11.6%	17.0%	21.9%	13.9%	17.6%	12.5%	13.5%
\$60,000-\$69,000	3.2%	10.8%	.0%	7.2%	11.6%	10.6%	6.3%	11.4%	5.9%	6.3%	5.8%
\$70,000 or more	6.3%	24.3%	25.9%	13.0%	18.6%	27.7%	9.4%	17.7%	14.7%	6.3%	15.4%

N	80	43	35	81	54	54	39	100	51	38	63
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(continued)

Table B1. Visitor Characteristics by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
age	51	45	40	34
gender				
male	61.2%	63.9%	43.8%	60.0%
female	38.8%	36.1%	56.3%	40.0%
highest level of education completed				
Elementary	1.5%	2.9%	.0%	.0%
High school	51.5%	41.2%	35.3%	50.0%
College	34.8%	41.2%	47.1%	10.0%
Post grad	12.1%	14.7%	17.6%	40.0%
primary occupation				
professional	19.4%	25.8%	30.8%	50.0%
managerial	6.0%	6.5%	7.7%	10.0%
sales	1.5%	6.5%	15.4%	.0%
clerical	10.4%	.0%	7.7%	.0%
craftsman	13.4%	3.2%	7.7%	10.0%
operatives	1.5%	.0%	.0%	.0%
transport	4.5%	3.2%	.0%	.0%
laborer	4.5%	.0%	.0%	10.0%
service worker	6.0%	.0%	.0%	10.0%
farmer/rancher	1.5%	.0%	.0%	.0%
farm/ranch laborer	.0%	.0%	.0%	.0%
armed services	.0%	3.2%	.0%	.0%
homemaker	4.5%	16.1%	7.7%	.0%
student	.0%	3.2%	7.7%	10.0%
retired	23.9%	32.3%	15.4%	.0%
unemployed/disabled	3.0%	.0%	.0%	.0%
household income before taxes				
less than \$10,000	.0%	19.4%	6.3%	14.3%
10,000-\$19,000	9.5%	12.9%	6.3%	28.6%
\$20,000-\$29,000	14.3%	9.7%	6.3%	.0%
\$30,000-\$39,000	14.3%	29.0%	25.0%	28.6%
\$40,000-\$49,000	28.6%	3.2%	25.0%	14.3%
\$50,000-\$59,000	11.1%	9.7%	6.3%	.0%
\$60,000-\$69,000	7.9%	6.5%	6.3%	14.3%
\$70,000 or more	14.3%	9.7%	18.8%	.0%
N	67	41	18	10

Table B2. Visitor State of Residence by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
home state											
MONTANA	95.8%	97.7%	80.6%	85.9%	84.3%	92.2%	81.6%	89.5%	87.5%	86.8%	90.3%
WASHINGTON	1.4%	.0%	.0%	2.6%	3.9%	.0%	5.3%	5.3%	6.3%	2.6%	1.6%
CALIFORNIA	.0%	.0%	6.5%	1.3%	.0%	.0%	5.3%	2.1%	.0%	.0%	1.6%
IDAHO	.0%	.0%	6.5%	.0%	2.0%	.0%	.0%	.0%	.0%	2.6%	.0%
OREGON	.0%	.0%	.0%	2.6%	.0%	2.0%	.0%	1.1%	.0%	.0%	.0%
COLORADO	.0%	.0%	.0%	.0%	3.9%	.0%	2.6%	.0%	2.1%	.0%	.0%
IOWA	.0%	.0%	.0%	.0%	2.0%	2.0%	.0%	.0%	.0%	.0%	.0%
FLORIDA	.0%	.0%	.0%	1.3%	.0%	.0%	.0%	1.1%	.0%	.0%	.0%
MICHIGAN	.0%	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	2.1%	.0%	1.6%
NEVADA	.0%	.0%	.0%	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	3.2%
PENNSYLVANIA	.0%	2.3%	.0%	.0%	.0%	.0%	2.6%	.0%	.0%	.0%	.0%
UTAH	1.4%	.0%	.0%	1.3%	.0%	.0%	.0%	1.1%	.0%	.0%	.0%
ARIZONA	.0%	.0%	.0%	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
MINNESOTA	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.1%	.0%	.0%
NEW MEXICO	.0%	.0%	.0%	1.3%	2.0%	.0%	.0%	.0%	.0%	.0%	.0%
VIRGINIA	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	5.3%	.0%
GERMANY	.0%	.0%	.0%	1.3%	.0%	.0%	.0%	.0%	.0%	2.6%	.0%
ALABAMA	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
ILLINOIS	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
KANSAS	.0%	.0%	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	.0%	.0%
MISSOURI	.0%	.0%	.0%	.0%	.0%	.0%	2.6%	.0%	.0%	.0%	.0%
NEW YORK	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
NORTH CAROLINA	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
NORTH DAKOTA	.0%	.0%	3.2%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
OHIO	.0%	.0%	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	.0%	.0%
WISCONSIN	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
WYOMING	.0%	.0%	3.2%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
AUSTRALIA	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	1.6%
98	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
OTHER	1.4%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
N	80	43	35	81	54	54	39	100	51	38	63

(continued)

Table B2. Visitor State of Residence by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
home state				
MONTANA	97.0%	75.7%	76.5%	100.0%
WASHINGTON	.0%	.0%	5.9%	.0%
CALIFORNIA	.0%	.0%	.0%	.0%
IDAHO	1.5%	.0%	.0%	.0%
OREGON	1.5%	.0%	.0%	.0%
COLORADO	.0%	.0%	.0%	.0%
IOWA	.0%	.0%	11.8%	.0%
FLORIDA	.0%	2.7%	.0%	.0%
MICHIGAN	.0%	.0%	.0%	.0%
NEVADA	.0%	.0%	.0%	.0%
PENNSYLVANIA	.0%	2.7%	.0%	.0%
UTAH	.0%	.0%	.0%	.0%
ARIZONA	.0%	2.7%	.0%	.0%
MINNESOTA	.0%	2.7%	.0%	.0%
NEW MEXICO	.0%	.0%	.0%	.0%
VIRGINIA	.0%	.0%	.0%	.0%
GERMANY	.0%	.0%	.0%	.0%
ALABAMA	.0%	2.7%	.0%	.0%
ILLINOIS	.0%	2.7%	.0%	.0%
KANSAS	.0%	.0%	.0%	.0%
MISSOURI	.0%	.0%	.0%	.0%
NEW YORK	.0%	.0%	5.9%	.0%
NORTH CAROLINA	.0%	2.7%	.0%	.0%
NORTH DAKOTA	.0%	.0%	.0%	.0%
OHIO	.0%	.0%	.0%	.0%
WISCONSIN	.0%	2.7%	.0%	.0%
WYOMING	.0%	.0%	.0%	.0%
AUSTRALIA	.0%	.0%	.0%	.0%
98	.0%	2.7%	.0%	.0%
OTHER	.0%	.0%	.0%	.0%
N	67	41	18	10

Table B3. Montana County of Residence by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
MTCNTY											
LEWIS AND CLARK	83.6%	47.1%	31.8%	33.3%	38.9%	29.4%	31.8%	19.1%	6.1%	17.9%	15.2%
GALLATIN	1.8%	8.8%	13.6%	8.8%	.0%	20.6%	4.5%	23.5%	33.3%	25.0%	21.7%
BROADWATER	.0%	.0%	.0%	.0%	2.8%	.0%	4.5%	5.9%	9.1%	46.4%	23.9%
SILVER BOW	3.6%	8.8%	13.6%	14.0%	2.8%	17.6%	27.3%	10.3%	9.1%	.0%	8.7%
YELLOWSTONE	1.8%	.0%	9.1%	14.0%	8.3%	17.6%	9.1%	19.1%	6.1%	.0%	8.7%
CASCADE	1.8%	11.8%	4.5%	5.3%	19.4%	8.8%	9.1%	10.3%	9.1%	.0%	6.5%
JEFFERSON	3.6%	8.8%	13.6%	3.5%	16.7%	.0%	9.1%	.0%	6.1%	.0%	2.2%
PARK	.0%	.0%	.0%	1.8%	.0%	2.9%	4.5%	.0%	.0%	.0%	2.2%
MISSOULA	.0%	.0%	.0%	.0%	2.8%	.0%	.0%	2.9%	.0%	3.6%	4.3%
MADISON	.0%	.0%	.0%	5.3%	.0%	.0%	.0%	1.5%	.0%	.0%	.0%
RAVALLI	1.8%	2.9%	.0%	5.3%	.0%	.0%	.0%	.0%	3.0%	.0%	.0%
DEER LODGE	1.8%	2.9%	.0%	1.8%	.0%	.0%	.0%	.0%	.0%	.0%	2.2%
FLATHEAD	.0%	5.9%	.0%	1.8%	.0%	.0%	.0%	1.5%	3.0%	.0%	.0%
POWELL	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	12.1%	.0%	.0%
MEAGHER	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%
HILL	.0%	.0%	.0%	.0%	5.6%	2.9%	.0%	.0%	.0%	.0%	.0%
ROSEBUD	.0%	.0%	.0%	1.8%	.0%	.0%	.0%	1.5%	3.0%	.0%	.0%
BEAVERHEAD	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
CARBON	.0%	.0%	.0%	.0%	.0%	.0%	.0%	1.5%	.0%	.0%	.0%
FERGUS	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.2%
LAKE	.0%	.0%	.0%	.0%	.0%	.0%	.0%	1.5%	.0%	.0%	.0%
MINERAL	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
MUSSELSHELL	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.2%
SANDERS	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
STILLWATER	.0%	.0%	.0%	1.8%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
SWEET GRASS	.0%	2.9%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
TETON	.0%	.0%	.0%	.0%	.0%	.0%	.0%	1.5%	.0%	.0%	.0%
TREASURE	.0%	.0%	.0%	.0%	2.8%	.0%	.0%	.0%	.0%	.0%	.0%
VALLEY	.0%	.0%	.0%	1.8%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
N	68	42	25	67	43	47	31	85	42	33	56

(continued)

Table B3. Montana County of Residence by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
MTCNTY				
LEWIS AND CLARK	9.6%	3.8%	54.5%	88.9%
GALLATIN	38.5%	7.7%	.0%	.0%
BROADWATER	1.9%	57.7%	.0%	.0%
SILVER BOW	3.8%	.0%	9.1%	.0%
YELLOWSTONE	1.9%	3.8%	.0%	11.1%
CASCADE	5.8%	15.4%	9.1%	.0%
JEFFERSON	5.8%	3.8%	9.1%	.0%
PARK	15.4%	.0%	.0%	.0%
MISSOULA	5.8%	.0%	.0%	.0%
MADISON	3.8%	.0%	18.2%	.0%
RAVALLI	1.9%	3.8%	.0%	.0%
DEER LODGE	1.9%	.0%	.0%	.0%
FLATHEAD	.0%	.0%	.0%	.0%
POWELL	1.9%	.0%	.0%	.0%
MEAGHER	.0%	3.8%	.0%	.0%
HILL	.0%	.0%	.0%	.0%
ROSEBUD	.0%	.0%	.0%	.0%
BEAVERHEAD	1.9%	.0%	.0%	.0%
CARBON	.0%	.0%	.0%	.0%
FERGUS	.0%	.0%	.0%	.0%
LAKE	.0%	.0%	.0%	.0%
MINERAL	.0%	.0%	.0%	.0%
MUSSELSHELL	.0%	.0%	.0%	.0%
SANDERS	.0%	.0%	.0%	.0%
STILLWATER	.0%	.0%	.0%	.0%
SWEET GRASS	.0%	.0%	.0%	.0%
TETON	.0%	.0%	.0%	.0%
TREASURE	.0%	.0%	.0%	.0%
VALLEY	.0%	.0%	.0%	.0%
N	65	28	13	10

Table B4. Group Characteristics by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
group type											
alone	5.6%	7.0%	9.7%	.0%	2.0%	3.9%	2.6%	3.2%	8.2%	10.5%	3.3%
family	32.4%	46.5%	48.4%	62.0%	58.0%	56.9%	61.5%	46.3%	51.0%	57.9%	60.7%
friends	39.4%	27.9%	22.6%	6.3%	16.0%	15.7%	7.7%	14.7%	20.4%	10.5%	13.1%
family and friends	19.7%	16.3%	16.1%	31.6%	24.0%	21.6%	28.2%	34.7%	20.4%	21.1%	19.7%
outfitted guests	1.4%	.0%	.0%	.0%	.0%	2.0%	.0%	1.1%	.0%	.0%	.0%
business associates	1.4%	2.3%	3.2%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	3.3%
Group size	3.88	4.26	3.40	6.12	6.24	4.69	6.62	8.00	4.18	7.68	10.59
# of males in group?	1.27	1.88	1.54	2.12	1.83	2.07	2.31	2.99	2.02	3.13	4.02
# of females in group?	1.65	1.37	1.06	2.17	2.54	1.63	2.26	2.98	1.53	2.89	3.84
# of children (16 and under) in group?	.74	.98	.69	1.79	1.80	.91	2.03	1.99	.59	1.63	2.70
N	80	43	35	81	54	54	39	100	51	38	63

(continued)

Table B4. Group Characteristics by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
group type				
alone	10.4%	23.7%	23.5%	11.1%
family	43.3%	52.6%	41.2%	33.3%
friends	16.4%	7.9%	17.6%	.0%
family and friends	29.9%	15.8%	17.6%	55.6%
outfitted guests	.0%	.0%	.0%	.0%
business associates	.0%	.0%	.0%	.0%
Group size	4.37	3.10	3.72	4.40
# of males in group?	1.79	1.02	1.44	1.60
# of females in group?	1.51	1.15	1.50	1.00
# of children (16 and under) in group?	1.06	.83	.72	1.70
N	67	41	18	10

Table B5. Visitor Site Experience by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
first visit?											
yes	11.25%	9.30%	14.29%	37.04%	28.30%	11.76%	15.79%	26.00%	8.00%	22.22%	32.26%
no	88.75%	90.70%	85.71%	62.96%	71.70%	88.24%	84.21%	74.00%	92.00%	77.78%	67.74%
N	80	43	35	81	53	51	38	100	50	36	62
number of visits to this site before today											
1 to 5	22.7%	13.9%	32.1%	34.0%	43.6%	14.3%	45.2%	38.5%	17.4%	29.6%	22.7%
6 to 10	17.3%	8.3%	14.3%	22.0%	12.8%	16.7%	9.7%	11.5%	13.0%	3.7%	15.9%
more than 10	60.0%	77.8%	53.6%	44.0%	43.6%	69.0%	45.2%	50.0%	69.6%	66.7%	61.4%
N	75	36	28	50	39	42	31	78	46	27	44
years visiting this site											
less than 1	10.7%	8.6%	.0%	8.0%	12.5%	4.8%	18.8%	9.2%	6.3%	17.2%	4.4%
1 to 2	22.7%	11.4%	6.7%	18.0%	10.0%	4.8%	12.5%	6.6%	12.5%	3.4%	13.3%
3 to 5	28.0%	14.3%	20.0%	16.0%	25.0%	9.5%	31.3%	15.8%	12.5%	17.2%	13.3%
5 to 10	14.7%	14.3%	30.0%	18.0%	20.0%	14.3%	12.5%	18.4%	16.7%	13.8%	20.0%
more than 10 years	24.0%	51.4%	43.3%	40.0%	32.5%	66.7%	25.0%	50.0%	52.1%	48.3%	48.9%
staying over night?											
yes	1.3%	7.1%	55.9%	84.0%	79.2%	54.0%	94.9%	89.0%	74.0%	72.2%	68.9%
no	98.7%	92.9%	44.1%	16.0%	20.8%	46.0%	5.1%	11.0%	26.0%	27.8%	31.1%
if yes, how many nights?	.00	5.67	4.05	4.24	3.50	34.22	5.51	3.20	4.35	2.73	3.07
if no, how many hours?											
less than 1	1.6%	3.4%	13.3%	.0%	.0%	5.6%	33.3%	.0%	18.2%	9.1%	.0%
1 to 2 hours	19.0%	3.4%	26.7%	20.0%	14.3%	22.2%	.0%	8.3%	9.1%	18.2%	.0%
2 to 6 hours	77.8%	69.0%	33.3%	70.0%	85.7%	50.0%	.0%	58.3%	45.5%	36.4%	43.8%
more than 6 hours	1.6%	24.1%	26.7%	10.0%	.0%	22.2%	66.7%	33.3%	27.3%	36.4%	56.3%
N	80	43	35	81	54	54	39	100	51	38	63

(continued)

Table B5. Visitor Site Experience by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
first visit?				
yes	11.94%	36.59%	22.22%	10.00%
no	88.06%	63.41%	77.78%	90.00%
N	67	41	18	10
number of visits to this site before today				
1 to 5	26.3%	32.1%	23.1%	33.3%
6 to 10	5.3%	17.9%	15.4%	33.3%
more than 10	68.4%	50.0%	61.5%	33.3%
N	57	28	13	9
years visiting this site				
less than 1	6.9%	24.1%	7.1%	44.4%
1 to 2	10.3%	17.2%	7.1%	11.1%
3 to 5	12.1%	6.9%	28.6%	11.1%
5 to 10	27.6%	20.7%	35.7%	22.2%
more than 10 years	43.1%	31.0%	21.4%	11.1%
staying over night?				
yes	64.2%	26.8%	11.1%	30.0%
no	35.8%	73.2%	88.9%	70.0%
if yes, how many nights?	2.77	1.82	7.00	2.33
if no, how many hours?				
less than 1	4.8%	50.0%	23.1%	16.7%
1 to 2 hours	14.3%	19.2%	15.4%	.0%
2 to 6 hours	38.1%	23.1%	38.5%	83.3%
more than 6 hours	42.9%	7.7%	23.1%	.0%
N	67	41	18	10

Table B6. Group Disabilities by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
anyone in group with a disability?											
yes	5.8%	9.5%	12.5%	31.6%	12.0%	23.4%	18.4%	12.5%	24.5%	35.1%	5.1%
no	94.2%	90.5%	87.5%	68.4%	88.0%	76.6%	81.6%	87.5%	75.5%	64.9%	94.9%
Specific disabilities											
Back condition	.0%	.0%	.0%	18.8%	66.7%	.0%	20.0%	12.5%	9.1%	.0%	.0%
Heart condition	.0%	33.3%	.0%	12.5%	.0%	20.0%	.0%	12.5%	18.2%	.0%	.0%
Replacements-hip											
shoulder	.0%	.0%	.0%	12.5%	.0%	20.0%	.0%	.0%	18.2%	.0%	.0%
Hearing	33.3%	33.3%	.0%	6.3%	.0%	.0%	.0%	25.0%	.0%	.0%	.0%
Legs	.0%	.0%	.0%	6.3%	.0%	.0%	.0%	12.5%	9.1%	.0%	.0%
Arthritis	33.3%	33.3%	.0%	6.3%	.0%	.0%	.0%	.0%	9.1%	11.1%	.0%
Difficulty walking	.0%	.0%	.0%	.0%	33.3%	20.0%	20.0%	.0%	9.1%	11.1%	.0%
Chronic hip	.0%	.0%	.0%	12.5%	33.3%	.0%	.0%	.0%	.0%	11.1%	.0%
Wheelchair confinement	.0%	.0%	.0%	18.8%	.0%	.0%	20.0%	.0%	.0%	.0%	.0%
Bad knee	.0%	.0%	.0%	12.5%	.0%	20.0%	.0%	.0%	.0%	.0%	.0%
Cancer	.0%	33.3%	.0%	12.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Stroke	.0%	.0%	.0%	.0%	.0%	.0%	.0%	12.5%	.0%	11.1%	.0%
Emphysema	.0%	.0%	.0%	6.3%	.0%	.0%	.0%	12.5%	9.1%	.0%	.0%
Respiratory	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	9.1%	.0%	.0%
Parkinsons disease	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	22.2%	.0%
Blindness	33.3%	.0%	.0%	6.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Asthma	.0%	.0%	.0%	.0%	.0%	.0%	.0%	12.5%	.0%	.0%	.0%
Foot	.0%	.0%	.0%	.0%	.0%	.0%	20.0%	.0%	.0%	.0%	50.0%
VA disabled	.0%	.0%	.0%	.0%	.0%	.0%	.0%	25.0%	.0%	.0%	.0%
Missing lung	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Terminally ill	.0%	.0%	.0%	.0%	.0%	.0%	40.0%	.0%	.0%	.0%	.0%
Diabetes	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%	.0%
Muscular dystrophy	.0%	.0%	.0%	6.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Old age	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	9.1%	.0%	.0%
Cerebral Palsy	.0%	.0%	.0%	.0%	.0%	20.0%	.0%	.0%	.0%	.0%	.0%
Mental illness	.0%	.0%	.0%	.0%	.0%	.0%	.0%	12.5%	.0%	.0%	.0%
Mobility problems	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
On oxygen	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	50.0%
Developmentally disabled	.0%	.0%	100.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Arm messed up	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%	.0%
Bad eyes	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%	.0%
Brain injury	33.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Pulmonary disease	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%	.0%
Lameness	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
N	3	3	1	16	3	5	5	8	11	9	2

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B6. Group Disabilities by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
anyone in group with a disability?				
yes	12.5%	16.2%	6.3%	12.5%
no	87.5%	83.8%	93.8%	87.5%
Specific disabilities				
Back condition	.0%	60.0%	.0%	.0%
Heart condition	.0%	.0%	.0%	.0%
Replacements-hip				
shoulder	12.5%	.0%	.0%	.0%
Hearing	.0%	20.0%	.0%	.0%
Legs	.0%	60.0%	.0%	.0%
Arthritis	.0%	20.0%	.0%	.0%
Difficulty walking	.0%	.0%	.0%	.0%
Chronic hip	.0%	.0%	.0%	.0%
Wheelchair confinement	.0%	.0%	.0%	.0%
Bad knee	.0%	.0%	.0%	.0%
Cancer	.0%	.0%	.0%	.0%
Stroke	12.5%	.0%	.0%	.0%
Emphysema	.0%	.0%	.0%	.0%
Respiratory	25.0%	.0%	.0%	.0%
Parkinsons disease	.0%	.0%	.0%	.0%
Blindness	.0%	.0%	.0%	.0%
Asthma	.0%	20.0%	.0%	.0%
Foot	.0%	.0%	.0%	.0%
VA disabled	.0%	.0%	.0%	.0%
Missing lung	25.0%	.0%	.0%	.0%
Terminally ill	.0%	.0%	.0%	.0%
Diabetes	.0%	.0%	.0%	.0%
Muscular dystrophy	.0%	.0%	.0%	.0%
Old age	.0%	.0%	.0%	.0%
Cerebral Palsy	.0%	.0%	.0%	.0%
Mental illness	.0%	.0%	.0%	.0%
Mobility problems	12.5%	.0%	.0%	.0%
On oxygen	.0%	.0%	.0%	.0%
Developmentally disabled	.0%	.0%	.0%	.0%
Arm messed up	.0%	.0%	.0%	.0%
Bad eyes	.0%	.0%	.0%	.0%
Brain injury	.0%	.0%	.0%	.0%
Pulmonary disease	.0%	.0%	.0%	.0%
Lameness	12.5%	.0%	.0%	.0%
N	8	5	0	0

Note: totals do not add to 100% due to multiple responses.

Table B7. Reasons for Choosing This Site by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Reasons why site chosen											
close to home	46.2%	67.4%	51.4%	51.3%	51.9%	54.9%	51.3%	47.5%	44.0%	58.3%	58.1%
easy to get to group	55.1%	69.8%	48.6%	56.3%	50.0%	56.9%	53.8%	54.5%	50.0%	61.1%	56.5%
facilities available	12.8%	4.7%	5.7%	6.3%	9.6%	23.5%	20.5%	24.2%	6.0%	5.6%	29.0%
specific attraction?	35.9%	37.2%	22.9%	32.5%	34.6%	33.3%	33.3%	27.3%	28.0%	47.2%	41.9%
other sites too crowded?	2.6%	9.3%	5.7%	2.5%	15.4%	.0%	2.6%	11.1%	16.0%	27.8%	3.2%
good facilities	29.5%	48.8%	51.4%	48.8%	34.6%	66.7%	53.8%	58.6%	14.0%	22.2%	30.6%
good fishing	1.3%	39.5%	62.9%	37.5%	32.7%	33.3%	35.9%	31.3%	72.0%	41.7%	33.9%
scenic beauty	48.7%	48.8%	51.4%	50.0%	63.5%	47.1%	61.5%	44.4%	42.0%	50.0%	29.0%
been here before	79.5%	58.1%	57.1%	55.0%	59.6%	49.0%	69.2%	65.7%	64.0%	72.2%	41.9%
try a new area	3.8%	4.7%	2.9%	17.5%	11.5%	2.0%	7.7%	16.2%	6.0%	16.7%	11.3%
Lewis and Clark historic site	1.3%	.0%	5.7%	1.3%	1.9%	3.9%	.0%	2.0%	.0%	5.6%	3.2%
heard about it	16.7%	2.3%	8.6%	15.0%	9.6%	7.8%	23.1%	15.2%	12.0%	13.9%	9.7%
other reason to visit this site?	16.7%	23.3%	8.6%	6.3%	23.1%	17.6%	25.6%	18.2%	36.0%	22.2%	12.9%
most important reason for visiting site											
close to home	18.5%	40.0%	15.6%	22.2%	20.0%	13.0%	13.9%	13.3%	9.3%	15.6%	42.0%
good fishing	.0%	20.0%	37.5%	5.6%	12.0%	8.7%	2.8%	7.8%	20.9%	18.8%	14.0%
been here before	23.1%	7.5%	6.3%	16.7%	14.0%	4.3%	13.9%	10.0%	14.0%	3.1%	4.0%
specific attraction	13.8%	2.5%	3.1%	5.6%	4.0%	10.9%	16.7%	13.3%	9.3%	9.4%	8.0%
good facilities	4.6%	7.5%	6.3%	11.1%	8.0%	41.3%	19.4%	18.9%	2.3%	.0%	2.0%
scenic beauty	13.8%	5.0%	18.8%	18.1%	16.0%	4.3%	13.9%	3.3%	2.3%	3.1%	2.0%
other reason	9.2%	12.5%	3.1%	1.4%	12.0%	15.2%	11.1%	4.4%	23.3%	12.5%	6.0%
easy to get to	6.2%	2.5%	3.1%	9.7%	4.0%	2.2%	2.8%	4.4%	7.0%	15.6%	2.0%
try a new area	3.1%	.0%	.0%	4.2%	4.0%	.0%	2.8%	10.0%	2.3%	12.5%	8.0%
group facilities available	4.6%	2.5%	.0%	2.8%	4.0%	.0%	2.8%	4.4%	7.0%	3.1%	8.0%
heard about it	1.5%	.0%	6.3%	2.8%	2.0%	.0%	.0%	5.6%	2.3%	3.1%	4.0%

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B7. Reasons for Choosing This Site by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
other sites too crowded	1.5%	.0%	.0%	.0%	.0%	.0%	.0%	4.4%	.0%	3.1%	.0%
N	80	43	35	81	54	54	39	100	51	38	63

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B7. Reasons for Choosing This Site by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Reasons why site chosen				
close to home	43.9%	46.3%	66.7%	60.0%
easy to get to	59.1%	68.3%	66.7%	40.0%
group facilities available	1.5%	9.8%	.0%	.0%
specific attraction?	31.8%	39.0%	38.9%	70.0%
other sites too crowded?	13.6%	2.4%	5.6%	.0%
good facilities	33.3%	29.3%	27.8%	10.0%
good fishing	62.1%	14.6%	22.2%	30.0%
scenic beauty	25.8%	36.6%	61.1%	100.0%
been here before	59.1%	39.0%	38.9%	50.0%
try a new area	7.6%	17.1%	5.6%	.0%
Lewis and Clark historic site	.0%	7.3%	.0%	.0%
heard about it	6.1%	4.9%	.0%	10.0%
other reason to visit this site?	18.2%	26.8%	16.7%	10.0%
most important reason for visiting site				
close to home	9.5%	10.5%	21.4%	25.0%
good fishing	36.5%	2.6%	14.3%	.0%
been here before	11.1%	5.3%	.0%	.0%
specific attraction	14.3%	13.2%	14.3%	37.5%
good facilities	4.8%	.0%	7.1%	.0%
scenic beauty	1.6%	10.5%	35.7%	37.5%
other reason	4.8%	13.2%	.0%	.0%
easy to get to	14.3%	31.6%	7.1%	.0%
try a new area	1.6%	5.3%	.0%	.0%
group facilities available	.0%	2.6%	.0%	.0%
heard about it	1.6%	5.3%	.0%	.0%

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B7. Reasons for Choosing This Site by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
other sites too crowded	.0%	.0%	.0%	.0%
N	67	41	18	10

Note: totals do not add to 100% due to multiple responses.

Table B7.1. Other Crowded Sites as a Reason for Choosing This Site by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos	White Earth
Sites crowded											
Court Sheriff	.0%	.0%	.0%	.0%	37.5%	100.0%	54.5%	.0%	.0%	.0%	11.1%
Hellgate	.0%	.0%	50.0%	.0%	12.5%	.0%	.0%	12.5%	40.0%	50.0%	.0%
Chinamen Gulch	.0%	25.0%	50.0%	.0%	.0%	100.0%	36.4%	.0%	.0%	50.0%	.0%
Silos	50.0%	.0%	.0%	.0%	.0%	.0%	.0%	37.5%	20.0%	.0%	22.2%
Kims Marina	.0%	.0%	50.0%	50.0%	.0%	.0%	18.2%	12.5%	20.0%	.0%	.0%
White Earth	.0%	.0%	.0%	.0%	.0%	.0%	9.1%	37.5%	10.0%	.0%	.0%
Black Sandy	.0%	25.0%	50.0%	.0%	12.5%	.0%	9.1%	.0%	.0%	.0%	11.1%
Jo Bonner	.0%	.0%	.0%	50.0%	.0%	.0%	18.2%	.0%	.0%	.0%	11.1%
Other side of river-lake	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	10.0%	50.0%	11.1%
Canyon Ferry	.0%	.0%	.0%	.0%	.0%	.0%	.0%	12.5%	10.0%	.0%	.0%
Lake Side	.0%	25.0%	.0%	.0%	12.5%	.0%	.0%	.0%	.0%	.0%	.0%
Holter	.0%	.0%	.0%	.0%	.0%	.0%	9.1%	.0%	.0%	.0%	.0%
Improved Areas	.0%	.0%	.0%	.0%	.0%	.0%	.0%	25.0%	.0%	.0%	.0%
Cooney	.0%	25.0%	.0%	.0%	.0%	.0%	.0%	12.5%	.0%	.0%	.0%
Holter Dam											
Campground	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	22.2%
Goose Bay	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	20.0%	.0%	.0%
Confederate	50.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Hauser Lake	.0%	25.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Riverside											
campground	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%
East side of shore	50.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Log Gulch	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%
York Bridge											
Fishing Access	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%
Gates of the Mountains	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%
Holter Dam	.0%	.0%	.0%	.0%	12.5%	.0%	.0%	.0%	.0%	.0%	.0%
Cave Bay	.0%	.0%	.0%	.0%	12.5%	.0%	.0%	.0%	.0%	.0%	.0%
N	2	4	2	2	8	1	11	8	10	2	9

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B7.1. Other Crowded Sites as a Reason for Choosing This Site by Site

	Site name	
	Indian Road	Cave Bay
Sites crowded		
Court Sheriff	.0%	.0%
Hellgate	.0%	.0%
Chinamen Gulch	.0%	.0%
Silos	.0%	.0%
Kims Marina	.0%	.0%
White Earth	.0%	.0%
Black Sandy	.0%	.0%
Jo Bonner	.0%	.0%
Other side of river-lake	.0%	.0%
Canyon Ferry	.0%	.0%
Lake Side	.0%	.0%
Holter	.0%	100.0%
Improved Areas	.0%	.0%
Cooney	.0%	.0%
Holter Dam Campground	.0%	.0%
Goose Bay	.0%	.0%
Confederate	100.0%	.0%
Hauser Lake	.0%	.0%
Riverside campground	.0%	.0%
East side of shore	.0%	.0%
Log Gulch	.0%	.0%
York Bridge Fishing Access	.0%	.0%
Gates of the Mountains	.0%	.0%
Holter Dam	.0%	.0%
Cave Bay	.0%	.0%
N	1	1

Note: totals do not add to 100% due to multiple responses.

Table B8. Recreation Activity by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Site Activities											
sightseeing	29.1%	39.5%	22.9%	43.8%	41.5%	64.7%	38.5%	35.0%	32.0%	38.9%	19.4%
photography	16.5%	25.6%	22.9%	28.8%	26.4%	25.5%	20.5%	20.0%	16.0%	25.0%	14.5%
auto/RV camping	2.5%	4.7%	37.1%	62.5%	54.7%	43.1%	69.2%	71.0%	50.0%	61.1%	58.1%
tent camping	2.5%	9.3%	17.1%	28.8%	24.5%	17.6%	30.8%	36.0%	8.0%	25.0%	16.1%
floating/ rafting	10.1%	2.3%	5.7%	21.3%	11.3%	3.9%	7.7%	15.0%	2.0%	8.3%	12.9%
walking	29.1%	11.6%	22.9%	43.8%	45.3%	35.3%	41.0%	42.0%	28.0%	38.9%	33.9%
day hiking	8.9%	2.3%	2.9%	12.5%	30.2%	11.8%	5.1%	11.0%	6.0%	11.1%	4.8%
picnicking	39.2%	32.6%	25.7%	40.0%	41.5%	35.3%	28.2%	38.0%	22.0%	50.0%	40.3%
sunbathing	69.6%	37.2%	20.0%	56.3%	45.3%	41.2%	43.6%	51.0%	34.0%	41.7%	35.5%
horseback riding	2.5%	2.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.8%	.0%
shooting	.0%	2.3%	2.9%	.0%	1.9%	5.9%	.0%	3.0%	2.0%	2.8%	.0%
swimming	82.3%	48.8%	11.4%	68.8%	71.7%	47.1%	51.3%	62.0%	38.0%	50.0%	41.9%
jetskiing	10.1%	11.6%	2.9%	11.3%	9.4%	19.6%	15.4%	17.0%	4.0%	11.1%	14.5%
powerboating	5.1%	53.5%	20.0%	23.8%	24.5%	62.7%	28.2%	41.0%	44.0%	13.9%	43.5%
nature study	2.5%	4.7%	2.9%	3.8%	5.7%	5.9%	7.7%	4.0%	4.0%	5.6%	8.1%
tubing	8.9%	27.9%	11.4%	26.3%	22.6%	25.5%	30.8%	31.0%	12.0%	19.4%	30.6%
canoeing/ kayaking	3.8%	2.3%	2.9%	5.0%	1.9%	2.0%	.0%	1.0%	.0%	5.6%	3.2%
viewing wildlife	8.9%	23.3%	31.4%	33.8%	35.8%	25.5%	28.2%	27.0%	28.0%	30.6%	17.7%
visit other historic sites	1.3%	4.7%	5.7%	2.5%	5.7%	2.0%	5.1%	3.0%	4.0%	.0%	.0%
biking	.0%	2.3%	2.9%	7.5%	9.4%	9.8%	12.8%	17.0%	.0%	11.1%	12.9%
hunting	.0%	2.3%	.0%	.0%	.0%	3.9%	.0%	2.0%	2.0%	2.8%	.0%
boat angling	3.8%	41.9%	60.0%	36.3%	30.2%	51.0%	30.8%	46.0%	74.0%	25.0%	41.9%
bank angling	1.3%	9.3%	40.0%	22.5%	20.8%	13.7%	43.6%	28.0%	34.0%	58.3%	21.0%
wade angling	1.3%	2.3%	.0%	3.8%	5.7%	2.0%	5.1%	3.0%	2.0%	.0%	.0%
ATV/ motorcycling	.0%	2.3%	.0%	1.3%	3.8%	9.8%	10.3%	8.0%	4.0%	5.6%	3.2%
water skiing	6.3%	27.9%	14.3%	22.5%	24.5%	37.3%	23.1%	34.0%	8.0%	5.6%	29.0%
sailing/ sailboarding	2.5%	2.3%	.0%	1.3%	1.9%	13.7%	2.6%	1.0%	2.0%	.0%	.0%
visit Lewis and Clark sites	.0%	2.3%	5.7%	3.8%	1.9%	7.8%	.0%	4.0%	2.0%	.0%	3.2%
other activities?	19.0%	9.3%	2.9%	10.0%	3.8%	9.8%	23.1%	9.0%	14.0%	11.1%	8.1%
N	80	43	35	81	54	54	39	100	51	38	63

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B8. Recreation Activity by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Site Activities				
sightseeing	28.4%	37.5%	41.2%	40.0%
photography	16.4%	10.0%	23.5%	10.0%
auto/RV camping	50.7%	17.5%	11.8%	.0%
tent camping	16.4%	12.5%	5.9%	40.0%
floating/ rafting	1.5%	7.5%	11.8%	20.0%
walking	29.9%	47.5%	58.8%	20.0%
day hiking	4.5%	7.5%	11.8%	10.0%
picnicking	26.9%	57.5%	29.4%	10.0%
sunbathing	22.4%	7.5%	41.2%	70.0%
horseback riding	.0%	.0%	.0%	.0%
shooting	.0%	2.5%	.0%	.0%
swimming	35.8%	.0%	35.3%	70.0%
jetskiing	6.0%	.0%	11.8%	.0%
powerboating	29.9%	.0%	17.6%	.0%
nature study	3.0%	5.0%	.0%	10.0%
tubing	11.9%	2.5%	17.6%	.0%
canoeing/ kayaking	.0%	.0%	5.9%	20.0%
viewing wildlife	19.4%	20.0%	17.6%	10.0%
visit other historic sites	.0%	2.5%	.0%	.0%
biking	6.0%	2.5%	5.9%	10.0%
hunting	.0%	2.5%	.0%	.0%
boat angling	77.6%	.0%	11.8%	.0%
bank angling	19.4%	15.0%	11.8%	20.0%
wade angling	.0%	.0%	.0%	.0%
ATV/ motorcycling	4.5%	.0%	11.8%	.0%
water skiing	11.9%	.0%	11.8%	.0%
sailing/ sailboarding	.0%	.0%	5.9%	.0%
visit Lewis and Clark sites	3.0%	5.0%	5.9%	.0%
other activities?	6.0%	17.5%	17.6%	20.0%
N	67	41	18	10

Note: totals do not add to 100% due to multiple responses.

Table B9. Levels of Overall Trip Satisfaction by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
This trip was better than any I can remember	-.47	-.44	-.26	-.33	-.31	.17	.00	-.45	-.27	-.06	-.37
This trip was better than any other to this area	-.38	-.33	-.14	-.11	-.14	.21	.16	-.20	-.25	.25	-.35
This trip was so good I would take it again	.56	.55	.80	.70	.58	1.06	.68	.68	.93	.89	.31
Trip satisfaction index	-.10	-.04	.10	.08	.04	.48	.26	.01	.14	.35	-.14
N	80	43	35	81	54	54	39	100	51	38	63

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

(continued)

Table B9. Levels of Overall Trip Satisfaction by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
This trip was better than any I can remember	-.36	-.26	-.19	-.30
This trip was better than any other to this area	-.25	.10	.00	-.10
This trip was so good I would take it again	.40	.52	.88	.90
Trip satisfaction index	-.08	.12	.23	.17
N	67	41	18	10

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

Table B10. Importance of Site Characteristics by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Importance of site											
Conditions											
campsite/picnic area conditions	15.2%	7.1%	40.9%	27.8%	24.3%	15.0%	24.1%	35.6%	24.2%	7.7%	17.9%
quality of Lewis and Clark interpretive/educational information	.0%	.0%	.0%	1.9%	.0%	5.0%	.0%	1.7%	.0%	.0%	.0%
quality of other interpretive/educational information	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
appropriateness of development	8.7%	14.3%	.0%	7.4%	2.7%	5.0%	.0%	5.1%	9.1%	7.7%	7.7%
maintenance of facilities	26.1%	21.4%	40.9%	24.1%	13.5%	20.0%	24.1%	32.2%	9.1%	11.5%	12.8%
cleanliness of area	56.5%	53.6%	68.2%	57.4%	37.8%	30.0%	65.5%	61.0%	27.3%	46.2%	48.7%
amount of development	15.2%	7.1%	.0%	11.1%	2.7%	.0%	6.9%	16.9%	9.1%	.0%	15.4%
privacy of area	28.3%	25.0%	31.8%	29.6%	37.8%	30.0%	20.7%	25.4%	30.3%	46.2%	28.2%
condition of natural features	6.5%	14.3%	13.6%	14.8%	13.5%	.0%	6.9%	1.7%	15.2%	19.2%	5.1%
residential development visible from the water	2.2%	7.1%	.0%	.0%	2.7%	5.0%	3.4%	.0%	.0%	3.8%	2.6%
historical information	.0%	.0%	.0%	.0%	2.7%	.0%	.0%	.0%	.0%	.0%	.0%
behavior of other people	21.7%	17.9%	22.7%	20.4%	21.6%	10.0%	13.8%	20.3%	12.1%	19.2%	17.9%
conflict with other users	8.7%	3.6%	4.5%	7.4%	2.7%	.0%	13.8%	5.1%	3.0%	3.8%	2.6%
degree of naturalness	15.2%	10.7%	13.6%	9.3%	13.5%	5.0%	10.3%	6.8%	12.1%	19.2%	5.1%
number of campsites within sight or sound	2.2%	10.7%	9.1%	11.1%	18.9%	5.0%	13.8%	8.5%	3.0%	11.5%	2.6%
seeing/hearing others	15.2%	7.1%	9.1%	9.3%	13.5%	10.0%	.0%	6.8%	6.1%	15.4%	12.8%
rules and restrictions	6.5%	3.6%	4.5%	18.5%	10.8%	5.0%	20.7%	18.6%	12.1%	7.7%	5.1%
number of fish caught	8.7%	21.4%	40.9%	11.1%	29.7%	20.0%	10.3%	18.6%	21.2%	7.7%	25.6%
opportunity to view wildlife	10.9%	7.1%	9.1%	11.1%	5.4%	10.0%	3.4%	6.8%	12.1%	3.8%	2.6%
opportunity to hunt	.0%	.0%	4.5%	.0%	2.7%	5.0%	.0%	3.4%	3.0%	.0%	2.6%
N	80	43	35	81	54	54	39	100	51	38	63

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B10. Importance of Site Characteristics by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Importance of site				
Conditions				
campsite/picnic area conditions	34.2%	17.6%	28.6%	.0%
quality of Lewis and Clark interpretive/educational information	.0%	.0%	.0%	.0%
quality of other interpretive/educational information	.0%	.0%	.0%	.0%
appropriateness of development	5.3%	5.9%	21.4%	.0%
maintenance of facilities	42.1%	5.9%	14.3%	.0%
cleanliness of area	63.2%	52.9%	42.9%	42.9%
amount of development	7.9%	17.6%	14.3%	14.3%
privacy of area	23.7%	35.3%	7.1%	28.6%
condition of natural features	10.5%	17.6%	21.4%	.0%
residential development visible from the water	.0%	.0%	.0%	.0%
historical information	.0%	.0%	.0%	.0%
behavior of other people conflict with other users	34.2%	11.8%	14.3%	.0%
degree of naturalness	7.9%	.0%	7.1%	.0%
number of campsites within sight or sound	10.5%	17.6%	14.3%	14.3%
seeing/hearing others	10.5%	.0%	.0%	.0%
rules and restrictions	7.9%	11.8%	28.6%	28.6%
number of fish caught	13.2%	5.9%	7.1%	14.3%
opportunity to view wildlife	26.3%	17.6%	21.4%	14.3%
opportunity to hunt	.0%	17.6%	.0%	.0%
	.0%	5.9%	.0%	.0%
N	67	41	18	10

Note: totals do not add to 100% due to multiple responses.

Table B11. Mean Satisfaction of Site Characteristics by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
campsite/picnic conditions	.71	.76	1.09	1.29	1.07	.98	1.37	1.20	.72	.97	.87
quality of Lewis and Clark interpretive info	.14	.32	.41	.25	.14	.13	.11	.02	.09	.09	-.02
quality of other interpretive/educational materials	.15	.15	.23	.23	.14	.14	.19	.02	.04	.12	-.07
appropriateness of development	.51	.90	.72	.57	.52	.70	.66	.66	.53	.41	.49
maintenance of facilities	.64	1.36	1.13	1.29	1.04	1.16	1.44	1.24	.87	.78	.87
cleanliness of area	.63	1.51	1.22	1.43	1.13	1.28	1.51	1.33	1.04	1.11	1.00
amount of development	.47	.83	.80	.55	.54	.80	.62	.70	.36	.71	.50
privacy of area	.50	.45	.87	.39	.29	.45	.62	.60	.81	.92	.63
condition of natural features	.92	.90	1.13	1.09	1.02	1.00	1.10	.99	1.09	1.14	.86
residential development visible from water	.29	.38	.73	.51	.57	.63	.56	.35	.54	.67	.39
historical info	.16	.24	.15	.16	.20	.20	.32	.11	.17	.09	.00
behavior of other people	.60	.48	1.03	.66	.87	.67	.87	.52	.62	.73	.69
conflict with other users	.41	.35	.48	.49	.66	.38	.51	.41	.24	.31	.44
degree of naturalness	.73	.88	.79	.82	.94	.67	.87	.80	.89	1.30	.82
number of campsites within sight or sound	.36	.59	.71	.25	.40	.38	.38	.34	.56	.63	.83
seeing,hearing others	.29	.38	.55	-.05	.47	.08	.19	.21	.38	.58	.74
rules and restrictions	.40	.52	.65	.49	.59	.36	.92	.68	.48	.86	.88

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

(continued)

Table B11. Mean Satisfaction of Site Characteristics by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
number of fish caught	.10	-.03	.10	.00	-.06	.06	.31	-.28	.57	.22	-.08
opportunity to view wildlife	.25	.62	.97	.68	.82	.86	.81	.54	1.15	1.00	.75
opportunity to hunt	.09	-.13	.07	-.03	.00	.17	-.03	-.02	.24	.27	.00
N	80	43	35	81	54	54	39	100	51	38	63

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

(continued)

Table B11. Mean Satisfaction of Site Characteristics by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
campsite/picnic conditions	.58	1.32	1.00	.50
quality of Lewis and Clark interpretive info	-.02	.12	.31	-.22
quality of other interpretive/educational materials	.00	.16	.27	-.33
appropriateness of development	.59	.86	1.12	.67
maintenance of facilities	.98	1.29	1.25	.10
cleanliness of area	1.08	1.36	1.25	.00
amount of development	.64	1.18	.88	1.10
privacy of area	.59	.63	.69	1.50
condition of natural features	.79	1.03	.81	1.40
residential development visible from water	.65	.50	.56	.40
historical info	.03	.18	.44	.10
behavior of other people	.53	.85	.71	.80
conflict with other users	.42	.48	.44	.40
degree of naturalness	.57	1.06	.76	1.20
number of campsites within sight or sound	.38	.59	.53	1.00
seeing,hearing others	.29	.43	.29	1.22
rules and restrictions	.52	.83	.50	.70

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

(continued)

Table B11. Mean Satisfaction of Site Characteristics by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
number of fish caught	.29	.26	.25	.00
opportunity to view wildlife	.38	.40	.71	.50
opportunity to hunt	.06	.03	.25	-.20
N	67	41	18	10

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

Table B12. Additional Facilities and Services by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
N	80	43	35	81	54	54	39	100	51	38	63
No facilities needed	43.8%	44.2%	37.1%	38.3%	42.6%	57.4%	33.3%	45.0%	27.5%	28.9%	36.5%
Facilities needed	56.3%	55.8%	62.9%	61.7%	57.4%	42.6%	66.7%	55.0%	72.5%	71.1%	63.5%
Additional facilities/services needed.											
None	26.7%	50.0%	27.3%	14.0%	22.6%	34.8%	19.2%	10.9%	29.7%	51.9%	15.0%
Running water	2.2%	.0%	.0%	8.0%	6.5%	.0%	3.8%	14.5%	5.4%	3.7%	12.5%
Showers	.0%	.0%	22.7%	24.0%	16.1%	4.3%	7.7%	10.9%	.0%	.0%	.0%
Dump station	2.2%	.0%	22.7%	8.0%	6.5%	.0%	15.4%	14.5%	2.7%	.0%	.0%
Restroom facilities	2.2%	.0%	.0%	6.0%	.0%	4.3%	3.8%	5.5%	10.8%	3.7%	20.0%
Picnic tables	11.1%	.0%	4.5%	.0%	.0%	.0%	3.8%	1.8%	10.8%	14.8%	7.5%
Trash bins	11.1%	.0%	.0%	2.0%	.0%	.0%	3.8%	3.6%	2.7%	11.1%	5.0%
Additional campsites	.0%	4.2%	.0%	4.0%	6.5%	4.3%	.0%	12.7%	.0%	.0%	5.0%
Better boat launch	.0%	.0%	9.1%	4.0%	3.2%	4.3%	.0%	.0%	13.5%	7.4%	5.0%
Electrical hook up	.0%	.0%	.0%	10.0%	3.2%	.0%	7.7%	7.3%	5.4%	.0%	2.5%
Shade	.0%	.0%	.0%	10.0%	6.5%	.0%	.0%	1.8%	.0%	7.4%	5.0%
Better roads	2.2%	4.2%	.0%	4.0%	.0%	.0%	.0%	5.5%	2.7%	.0%	5.0%
Eatery	11.1%	12.5%	.0%	.0%	.0%	4.3%	3.8%	.0%	2.7%	.0%	.0%
More boat slips-dock spaces	.0%	4.2%	4.5%	2.0%	.0%	4.3%	.0%	7.3%	8.1%	.0%	.0%
More trees	.0%	.0%	.0%	.0%	3.2%	.0%	3.8%	3.6%	.0%	3.7%	2.5%
Water access	.0%	.0%	.0%	.0%	3.2%	.0%	.0%	5.5%	2.7%	3.7%	2.5%
More wheel chair-handicap access	.0%	.0%	.0%	6.0%	.0%	4.3%	3.8%	1.8%	.0%	.0%	5.0%
Gas-fuel	.0%	.0%	.0%	.0%	.0%	.0%	.0%	1.8%	18.9%	.0%	.0%
Public docks	.0%	.0%	.0%	2.0%	3.2%	.0%	.0%	.0%	.0%	.0%	12.5%
Play ground	4.4%	.0%	4.5%	2.0%	.0%	4.3%	.0%	1.8%	.0%	.0%	.0%
Better Boat docking	.0%	.0%	4.5%	2.0%	.0%	.0%	.0%	1.8%	2.7%	.0%	.0%
Another boat launch	.0%	4.2%	.0%	2.0%	.0%	4.3%	.0%	1.8%	.0%	.0%	2.5%
Parking-more	.0%	8.3%	.0%	.0%	3.2%	.0%	.0%	.0%	2.7%	.0%	.0%
Sand beach	.0%	.0%	.0%	.0%	3.2%	.0%	.0%	1.8%	.0%	.0%	7.5%
Fire wood for sale	.0%	.0%	.0%	.0%	9.7%	.0%	.0%	1.8%	.0%	.0%	2.5%
Level camping spots	.0%	.0%	4.5%	2.0%	.0%	.0%	3.8%	1.8%	2.7%	.0%	2.5%
More fish	.0%	4.2%	.0%	.0%	.0%	.0%	3.8%	1.8%	.0%	.0%	5.0%
Water fountains	6.7%	.0%	.0%	.0%	.0%	4.3%	.0%	1.8%	2.7%	.0%	.0%
Better facilities	2.2%	.0%	9.1%	.0%	.0%	4.3%	.0%	.0%	2.7%	.0%	2.5%
Fish cleaning station	.0%	.0%	9.1%	.0%	3.2%	.0%	.0%	.0%	2.7%	.0%	.0%
Enforcement of rules	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	3.6%	.0%	.0%	2.5%
Clean restrooms	4.4%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.5%
More bike trails	6.7%	.0%	.0%	.0%	3.2%	.0%	.0%	.0%	.0%	.0%	.0%
More room between campsites-more seclusion	.0%	.0%	.0%	4.0%	.0%	4.3%	.0%	.0%	.0%	.0%	.0%

(continued)

Table B12. Additional Facilities and Services by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Full hookups	.0%	.0%	.0%	.0%	.0%	.0%	7.7%	1.8%	2.7%	.0%	.0%
Speed bumps	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.3%	.0%	.0%	.0%
Pay phone	.0%	.0%	.0%	4.0%	.0%	.0%	.0%	1.8%	.0%	.0%	.0%
Weather shelter	.0%	4.2%	.0%	.0%	.0%	.0%	7.7%	.0%	.0%	.0%	.0%
Better swimming area-reduction of boat traffic	2.2%	.0%	.0%	4.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Jet ski restriction	.0%	.0%	.0%	.0%	.0%	.0%	.0%	3.6%	.0%	.0%	.0%
New outhouse	4.4%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Campfire pits	2.2%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	3.7%	.0%
Telephone	.0%	4.2%	.0%	.0%	.0%	4.3%	.0%	.0%	.0%	.0%	.0%
Volleyball court	2.2%	.0%	.0%	.0%	.0%	.0%	.0%	1.8%	.0%	.0%	.0%
Barbecue	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.5%
Electricity on docks	.0%	.0%	.0%	.0%	.0%	4.3%	.0%	.0%	2.7%	.0%	.0%
Fewer people	2.2%	.0%	.0%	.0%	.0%	.0%	3.8%	.0%	.0%	.0%	.0%
Numbered campsites	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Campground host	2.2%	.0%	.0%	2.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
No fees	.0%	.0%	.0%	2.0%	.0%	4.3%	.0%	.0%	.0%	.0%	.0%
Trap shooting area	.0%	.0%	.0%	.0%	.0%	8.7%	.0%	.0%	.0%	.0%	.0%
Laundry	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Dust control	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Store	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Better tent area	.0%	.0%	.0%	.0%	3.2%	.0%	.0%	.0%	.0%	.0%	.0%
Manage at all times	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.5%
More boat trailer parking	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.7%	.0%	.0%
Bigger day use area	.0%	4.2%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Free day camping	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.5%
Information boards	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Clean picnic tables	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Clean river bottom	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Clean area	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Diving boards	2.2%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Remove rocks at bottom of cliffs	2.2%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Remove day limits	.0%	.0%	.0%	.0%	.0%	4.3%	.0%	.0%	.0%	.0%	.0%
Boat rentals-raft rentals	.0%	.0%	.0%	.0%	.0%	4.3%	.0%	.0%	.0%	.0%	.0%
Reflective buoys for night users	.0%	.0%	.0%	.0%	.0%	.0%	.0%	1.8%	.0%	.0%	.0%
Better night fishing facilities	.0%	.0%	.0%	.0%	.0%	.0%	.0%	1.8%	.0%	.0%	.0%
More or larger beach area	.0%	.0%	.0%	.0%	.0%	.0%	3.8%	.0%	.0%	.0%	.0%
Fewer RVs	.0%	.0%	.0%	.0%	.0%	.0%	3.8%	.0%	.0%	.0%	.0%
Park	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%

(continued)

Table B12. Additional Facilities and Services by Site

	Site name										
Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos	
Paved boat launch	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Happy attendants	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
More affordable boat rentals	.0%	.0%	.0%	.0%	3.2%	.0%	.0%	.0%	.0%	.0%	.0%
More group facilities	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.5%
Larger ponds	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Motorboat restriction	.0%	.0%	.0%	.0%	3.2%	.0%	.0%	.0%	.0%	.0%	.0%
Need wider road	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Restriction on dogs	.0%	.0%	.0%	.0%	.0%	.0%	.0%	1.8%	.0%	.0%	.0%
Live bands	.0%	.0%	.0%	.0%	3.2%	.0%	.0%	.0%	.0%	.0%	.0%
Pool tables	.0%	.0%	.0%	.0%	3.2%	.0%	.0%	.0%	.0%	.0%	.0%
More pull-throughs	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Weed control	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Cabin rentals	.0%	.0%	.0%	.0%	.0%	4.3%	.0%	.0%	.0%	.0%	.0%
Anchored tables	.0%	.0%	.0%	.0%	.0%	.0%	3.8%	.0%	.0%	.0%	.0%
More use for ATVs	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.7%	.0%	.0%

(continued)

Table B12. Additional Facilities and Services by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
N	67	41	18	10
No facilities needed	34.3%	53.7%	55.6%	20.0%
Facilities needed	65.7%	46.3%	44.4%	80.0%
Additional facilities/services needed.				
None	31.8%	26.3%	25.0%	25.0%
Running water	2.3%	21.1%	25.0%	25.0%
Showers	.0%	.0%	.0%	.0%
Dump station	2.3%	5.3%	.0%	.0%
Restroom facilities	.0%	5.3%	.0%	12.5%
Picnic tables	.0%	.0%	25.0%	12.5%
Trash bins	2.3%	15.8%	.0%	25.0%
Additional campsites	4.5%	.0%	12.5%	.0%
Better boat launch	6.8%	.0%	.0%	.0%
Electrical hook up	.0%	.0%	.0%	.0%
Shade	2.3%	.0%	.0%	.0%
Better roads	4.5%	.0%	.0%	.0%
Eatery	.0%	.0%	.0%	12.5%
More boat slips-dock spaces	2.3%	.0%	.0%	.0%
More trees	9.1%	5.3%	.0%	.0%
Water access	2.3%	10.5%	.0%	.0%
More wheel chair-handicap access	2.3%	.0%	.0%	.0%
Gas-fuel	.0%	.0%	.0%	.0%
Public docks	.0%	.0%	.0%	.0%
Play ground	.0%	5.3%	.0%	.0%
Better Boat docking	6.8%	.0%	.0%	.0%
Another boat launch	4.5%	.0%	.0%	.0%
Parking-more	2.3%	5.3%	12.5%	.0%
Sand beach	2.3%	.0%	.0%	12.5%
Fire wood for sale	4.5%	.0%	.0%	.0%
Level camping spots	2.3%	.0%	.0%	.0%
More fish	.0%	5.3%	.0%	.0%
Water fountains	.0%	.0%	.0%	.0%
Better facilities	.0%	.0%	.0%	.0%
Fish cleaning station	2.3%	.0%	.0%	.0%
Enforcement of rules	.0%	5.3%	.0%	.0%
Clean restrooms	.0%	.0%	.0%	.0%
More bike trails	.0%	.0%	.0%	.0%
More room between campsites-more seclusion	.0%	.0%	12.5%	.0%

(continued)

Table B12. Additional Facilities and Services by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Full hookups	.0%	.0%	.0%	.0%
Speed bumps	.0%	.0%	.0%	.0%
Pay phone	2.3%	.0%	.0%	.0%
Weather shelter	.0%	.0%	.0%	.0%
Better swimming area-reduction of boat traffic	.0%	.0%	.0%	.0%
Jet ski restriction	2.3%	.0%	.0%	.0%
New outhouse	.0%	.0%	12.5%	.0%
Campfire pits	.0%	.0%	.0%	.0%
Telephone	.0%	.0%	.0%	.0%
Volleyball court	.0%	.0%	.0%	.0%
Barbecue	.0%	.0%	.0%	12.5%
Electricity on docks	.0%	.0%	.0%	.0%
Fewer people	.0%	.0%	.0%	.0%
Numbered campsites	4.5%	.0%	.0%	.0%
Campground host	.0%	.0%	.0%	.0%
No fees	.0%	.0%	.0%	.0%
Trap shooting area	.0%	.0%	.0%	.0%
Laundry	.0%	.0%	.0%	.0%
Dust control	.0%	.0%	.0%	.0%
Store	.0%	.0%	.0%	.0%
Better tent area	.0%	.0%	.0%	.0%
Manage at all times	.0%	.0%	.0%	.0%
More boat trailer parking	.0%	.0%	.0%	.0%
Bigger day use area	.0%	.0%	.0%	.0%
Free day camping	.0%	.0%	.0%	.0%
Information boards	.0%	.0%	.0%	.0%
Clean picnic tables	2.3%	.0%	.0%	.0%
Clean river bottom	2.3%	.0%	.0%	.0%
Clean area	.0%	.0%	.0%	.0%
Diving boards	.0%	.0%	.0%	.0%
Remove rocks at bottom of cliffs	.0%	.0%	.0%	.0%
Remove day limits	.0%	.0%	.0%	.0%
Boat rentals-raft rentals	.0%	.0%	.0%	.0%
Reflective buoys for night users	.0%	.0%	.0%	.0%
Better night fishing facilities	.0%	.0%	.0%	.0%
More or larger beach area	.0%	.0%	.0%	.0%
Fewer RVs	.0%	.0%	.0%	.0%
Park	.0%	.0%	.0%	.0%

(continued)

Table B12. Additional Facilities and Services by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Paved boat launch	.0%	.0%	.0%	.0%
Happy attendants	.0%	.0%	.0%	.0%
More affordable boat rentals	.0%	.0%	.0%	.0%
More group facilities	.0%	.0%	.0%	.0%
Larger ponds	.0%	5.3%	.0%	.0%
Motorboat restriction	.0%	.0%	.0%	.0%
Need wider road	2.3%	.0%	.0%	.0%
Restriction on dogs	.0%	.0%	.0%	.0%
Live bands	.0%	.0%	.0%	.0%
Pool tables	.0%	.0%	.0%	.0%
More pull-throughs	.0%	.0%	.0%	.0%
Weed control	2.3%	.0%	.0%	.0%
Cabin rentals	.0%	.0%	.0%	.0%
Anchored tables	.0%	.0%	.0%	.0%
More use for ATVs	.0%	.0%	.0%	.0%

Table B13. Disabled Facility Needs by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
No disabled facilities needed	81.3%	97.7%	82.9%	74.1%	88.9%	81.5%	87.2%	83.0%	84.3%	84.2%	88.9%
Disabled facilities needed	18.8%	2.3%	17.1%	25.9%	11.1%	18.5%	12.8%	17.0%	15.7%	15.8%	11.1%
Specific additional accomodation											
More handicap access to water	55.6%	100.0%	40.0%	9.1%	25.0%	66.7%	100.0%	35.7%	80.0%	.0%	50.0%
Need handicap bathroom facilities	11.1%	.0%	.0%	45.5%	25.0%	.0%	.0%	28.6%	20.0%	66.7%	.0%
Need paved surfaces	22.2%	.0%	20.0%	27.3%	50.0%	.0%	.0%	14.3%	.0%	.0%	.0%
Ramps-wider	22.2%	.0%	20.0%	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Electricity	.0%	.0%	.0%	.0%	.0%	.0%	.0%	21.4%	.0%	.0%	25.0%
Make it safe for disabled	11.1%	.0%	.0%	.0%	.0%	33.3%	.0%	.0%	.0%	.0%	.0%
Access to tables	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	33.3%	.0%
Handicap access to campground	.0%	.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	25.0%
Terrain too steep	.0%	.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Easier access to potable water	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Need handicap parking	.0%	.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Fish cleaning station	.0%	.0%	20.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Fire pits for handicapped	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	33.3%	.0%
Gates of the Mountains is not accessible	.0%	.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
N	9	1	5	11	4	3	1	14	5	3	4

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B13. Disabled Facility Needs by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
No disabled facilities needed	86.6%	87.8%	83.3%	90.0%
Disabled facilities needed	13.4%	12.2%	16.7%	10.0%
Specific additional accomodation				
More handicap access to water	100.0%	.0%	.0%	.0%
Need handicap bathroom facilities	.0%	50.0%	100.0%	.0%
Need paved surfaces	.0%	25.0%	.0%	100.0%
Ramps-wider	20.0%	.0%	.0%	.0%
Electricity	.0%	.0%	.0%	.0%
Make it safe for disabled	.0%	.0%	.0%	.0%
Access to tables	.0%	25.0%	.0%	.0%
Handicap access to campground	.0%	.0%	.0%	.0%
Terrain too steep	.0%	.0%	.0%	.0%
Easier access to potable water	.0%	25.0%	.0%	.0%
Need handicap parking	.0%	.0%	.0%	.0%
Fish cleaning station	.0%	.0%	.0%	.0%
Fire pits for handicapped	.0%	.0%	.0%	.0%
Gates of the Mountains is not accessible	.0%	.0%	.0%	.0%
N	5	4	1	1

Note: totals do not add to 100% due to multiple responses.

Table B14. Number of Encounters and Their Evaluation by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Canoes seen today											
0	87.3%	86.1%	95.2%	73.8%	75.7%	68.3%	82.8%	76.6%	94.6%	90.3%	83.3%
1 to 5	11.1%	13.9%	4.8%	24.6%	18.9%	26.8%	13.8%	23.4%	5.4%	6.5%	16.7%
6 to 10	.0%	.0%	.0%	.0%	2.7%	4.9%	3.4%	.0%	.0%	3.2%	.0%
11 to 20	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
21 to 30	.0%	.0%	.0%	1.6%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
31+	1.6%	.0%	.0%	.0%	2.7%	.0%	.0%	.0%	.0%	.0%	.0%
Rate canoe encounters											
Enjoyed seeing	47.4%	50.0%	50.0%	40.9%	18.8%	45.0%	22.2%	16.7%	.0%	42.9%	25.0%
Didnt mind seeing	47.4%	50.0%	50.0%	59.1%	81.3%	55.0%	77.8%	83.3%	100.0%	57.1%	75.0%
Disliked seeing	5.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Powerboats seen today											
0	33.8%	10.5%	4.3%	21.5%	19.4%	9.8%	21.9%	9.6%	7.5%	24.1%	15.4%
1 to 5	36.9%	34.2%	52.2%	30.8%	36.1%	14.6%	40.6%	24.1%	30.0%	62.1%	26.9%
6 to 10	15.4%	21.1%	39.1%	13.8%	11.1%	39.0%	18.8%	9.6%	30.0%	3.4%	28.8%
11 to 20	9.2%	18.4%	4.3%	21.5%	13.9%	9.8%	15.6%	10.8%	22.5%	3.4%	17.3%
21 to 30	1.5%	7.9%	.0%	.0%	8.3%	14.6%	.0%	20.5%	7.5%	.0%	7.7%
31+	3.1%	7.9%	.0%	12.3%	11.1%	12.2%	3.1%	25.3%	2.5%	6.9%	3.8%
Rate powerboats encounters											
Enjoyed seeing	28.2%	21.4%	10.5%	19.6%	22.6%	31.3%	21.7%	11.4%	15.6%	31.8%	13.3%
Didnt mind seeing	64.1%	75.0%	89.5%	71.7%	71.0%	62.5%	78.3%	77.1%	84.4%	54.5%	80.0%
Disliked seeing	7.7%	3.6%	.0%	8.7%	6.5%	6.3%	.0%	11.4%	.0%	13.6%	6.7%
Waterskiers seen today											
0	43.3%	31.4%	50.0%	38.5%	27.8%	29.7%	53.1%	16.0%	59.0%	71.0%	58.0%
1 to 5	35.8%	42.9%	36.4%	32.3%	41.7%	45.9%	28.1%	29.6%	20.5%	19.4%	26.0%
6 to 10	14.9%	11.4%	9.1%	18.5%	11.1%	10.8%	12.5%	16.0%	12.8%	6.5%	12.0%
11 to 20	4.5%	11.4%	4.5%	1.5%	8.3%	.0%	3.1%	19.8%	7.7%	.0%	2.0%
21 to 30	.0%	.0%	.0%	3.1%	2.8%	2.7%	.0%	9.9%	.0%	.0%	.0%
31+	1.5%	2.9%	.0%	6.2%	8.3%	10.8%	3.1%	8.6%	.0%	3.2%	2.0%
Rate waterskiers encounters											
Enjoyed seeing	32.4%	25.0%	11.1%	28.2%	22.6%	29.6%	11.1%	15.4%	5.0%	42.9%	13.8%
Didnt mind seeing	58.8%	55.0%	66.7%	66.7%	67.7%	59.3%	88.9%	69.2%	70.0%	50.0%	82.8%
Disliked seeing	8.8%	20.0%	22.2%	5.1%	9.7%	11.1%	.0%	15.4%	25.0%	7.1%	3.4%
Jetskis seen today											
0	37.3%	18.4%	27.3%	28.6%	13.5%	16.7%	25.8%	14.5%	38.5%	69.0%	25.5%
1 to 5	41.8%	34.2%	50.0%	35.7%	43.2%	40.5%	32.3%	20.5%	20.5%	24.1%	45.1%
6 to 10	13.4%	23.7%	13.6%	12.9%	10.8%	19.0%	25.8%	18.1%	17.9%	6.9%	17.6%
11 to 20	6.0%	18.4%	9.1%	12.9%	16.2%	14.3%	12.9%	15.7%	15.4%	.0%	7.8%

(continued)

Table B14. Number of Encounters and Their Evaluation by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
21 to 30	.0%	5.3%	.0%	4.3%	5.4%	7.1%	3.2%	12.0%	2.6%	.0%	2.0%
31+	1.5%	.0%	.0%	5.7%	10.8%	2.4%	.0%	19.3%	5.1%	.0%	2.0%
Rate jetskiers encounters											
Enjoyed seeing	30.6%	14.8%	7.1%	14.9%	25.8%	25.8%	8.7%	13.0%	7.1%	37.5%	10.0%
Didnt mind seeing	58.3%	51.9%	64.3%	53.2%	45.2%	38.7%	69.6%	46.4%	35.7%	37.5%	55.0%
Disliked seeing	11.1%	33.3%	28.6%	31.9%	29.0%	35.5%	21.7%	40.6%	57.1%	25.0%	35.0%
Bank anglers seen today											
0	76.9%	51.4%	16.0%	47.5%	36.1%	37.5%	41.2%	47.4%	37.5%	33.3%	42.9%
1 to 5	15.4%	37.8%	60.0%	34.4%	41.7%	50.0%	29.4%	32.9%	22.5%	50.0%	46.9%
6 to 10	6.2%	.0%	12.0%	11.5%	16.7%	10.0%	23.5%	9.2%	32.5%	13.3%	8.2%
11 to 20	1.5%	5.4%	12.0%	1.6%	2.8%	2.5%	.0%	2.6%	7.5%	.0%	.0%
21 to 30	.0%	.0%	.0%	1.6%	.0%	.0%	.0%	1.3%	.0%	.0%	2.0%
31+	.0%	5.4%	.0%	3.3%	2.8%	.0%	5.9%	6.6%	.0%	3.3%	.0%
Rate bank anglers encounters											
Enjoyed seeing	22.2%	31.6%	30.0%	35.3%	29.2%	17.4%	28.6%	31.9%	45.8%	52.2%	25.0%
Didnt mind seeing	77.8%	57.9%	70.0%	64.7%	70.8%	82.6%	66.7%	66.0%	54.2%	47.8%	75.0%
Disliked seeing	.0%	10.5%	.0%	.0%	.0%	.0%	4.8%	2.1%	.0%	.0%	.0%
Wade anglers seen today											
0	87.3%	80.0%	76.2%	86.9%	78.9%	77.5%	83.9%	89.2%	86.8%	93.3%	91.8%
1 to 5	7.9%	14.3%	14.3%	9.8%	15.8%	15.0%	12.9%	8.1%	7.9%	3.3%	6.1%
6 to 10	4.8%	5.7%	4.8%	1.6%	.0%	7.5%	3.2%	2.7%	2.6%	3.3%	2.0%
11 to 20	.0%	.0%	4.8%	.0%	2.6%	.0%	.0%	.0%	2.6%	.0%	.0%
21 to 30	.0%	.0%	.0%	1.6%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
31+	.0%	.0%	.0%	.0%	2.6%	.0%	.0%	.0%	.0%	.0%	.0%
Rate wade anglers encounters											
Enjoyed seeing	28.6%	22.2%	20.0%	29.4%	26.3%	33.3%	10.0%	23.1%	50.0%	44.4%	17.6%
Didnt mind seeing	71.4%	55.6%	80.0%	70.6%	73.7%	66.7%	90.0%	73.1%	50.0%	55.6%	82.4%
Disliked seeing	.0%	22.2%	.0%	.0%	.0%	.0%	.0%	3.8%	.0%	.0%	.0%
Boat anglers seen today											
0	67.7%	23.7%	4.2%	41.3%	41.7%	22.0%	40.6%	26.6%	12.8%	56.3%	30.0%
1 to 5	24.6%	50.0%	45.8%	20.6%	25.0%	29.3%	28.1%	22.8%	12.8%	34.4%	26.0%
6 to 10	3.1%	13.2%	37.5%	15.9%	11.1%	31.7%	15.6%	20.3%	38.5%	6.3%	28.0%
11 to 20	1.5%	7.9%	12.5%	9.5%	8.3%	12.2%	9.4%	15.2%	23.1%	.0%	12.0%
21 to 30	1.5%	2.6%	.0%	4.8%	2.8%	.0%	3.1%	5.1%	5.1%	.0%	2.0%
31+	1.5%	2.6%	.0%	7.9%	11.1%	4.9%	3.1%	10.1%	7.7%	3.1%	2.0%

(continued)

Table B14. Number of Encounters and Their Evaluation by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Rate boat anglers encounters											
Enjoyed seeing	33.3%	36.0%	19.0%	29.4%	26.9%	28.6%	21.1%	30.4%	45.2%	42.1%	16.7%
Didnt mind seeing	66.7%	52.0%	81.0%	70.6%	73.1%	67.9%	73.7%	67.9%	54.8%	57.9%	83.3%
Disliked seeing	.0%	12.0%	.0%	.0%	.0%	3.6%	5.3%	1.8%	.0%	.0%	.0%
River floaters seen today											
0	86.2%	82.4%	85.7%	91.8%	86.1%	87.2%	86.2%	91.9%	89.5%	96.8%	96.0%
1 to 5	10.8%	14.7%	14.3%	4.9%	5.6%	5.1%	13.8%	5.4%	7.9%	.0%	2.0%
6 to 10	1.5%	.0%	.0%	1.6%	2.8%	2.6%	.0%	.0%	2.6%	.0%	2.0%
11 to 20	.0%	.0%	.0%	1.6%	.0%	5.1%	.0%	1.4%	.0%	.0%	.0%
31+	1.5%	2.9%	.0%	.0%	5.6%	.0%	.0%	1.4%	.0%	3.2%	.0%
Rate river floater encounters											
Enjoyed seeing	35.7%	42.9%	50.0%	40.0%	14.3%	27.3%	22.2%	20.0%	25.0%	42.9%	35.7%
Didnt mind seeing	57.1%	57.1%	50.0%	60.0%	85.7%	63.6%	77.8%	80.0%	75.0%	57.1%	64.3%
Disliked seeing	7.1%	.0%	.0%	.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%
Livestock seen today											
0	93.8%	94.1%	90.5%	85.0%	91.9%	89.7%	89.7%	91.9%	82.9%	90.3%	94.0%
1 to 5	6.3%	.0%	9.5%	6.7%	2.7%	2.6%	3.4%	4.1%	2.9%	6.5%	4.0%
6 to 10	.0%	2.9%	.0%	3.3%	.0%	.0%	.0%	2.7%	5.7%	.0%	.0%
11 to 20	.0%	.0%	.0%	1.7%	.0%	5.1%	.0%	.0%	2.9%	.0%	2.0%
21 to 30	.0%	.0%	.0%	1.7%	2.7%	2.6%	3.4%	.0%	5.7%	3.2%	.0%
31+	.0%	2.9%	.0%	1.7%	2.7%	.0%	3.4%	1.4%	.0%	.0%	.0%
Rate livestock encounters											
Enjoyed seeing	30.0%	33.3%	66.7%	33.3%	20.0%	45.5%	14.3%	26.3%	18.2%	50.0%	38.5%
Didnt mind seeing	60.0%	33.3%	33.3%	66.7%	66.7%	45.5%	85.7%	73.7%	81.8%	37.5%	61.5%
Disliked seeing	10.0%	33.3%	.0%	.0%	13.3%	9.1%	.0%	.0%	.0%	12.5%	.0%
Shoreline development seen today											
0	69.2%	51.6%	42.9%	72.1%	59.5%	37.8%	54.8%	63.8%	73.5%	93.5%	85.7%
1 to 5	7.7%	32.3%	28.6%	13.1%	27.0%	27.0%	16.1%	14.5%	14.7%	3.2%	12.2%
6 to 10	9.2%	6.5%	9.5%	3.3%	2.7%	13.5%	16.1%	5.8%	8.8%	.0%	2.0%
11 to 20	7.7%	3.2%	4.8%	1.6%	8.1%	5.4%	6.5%	2.9%	2.9%	3.2%	.0%
21 to 30	6.2%	3.2%	.0%	3.3%	.0%	2.7%	3.2%	2.9%	.0%	.0%	.0%
31+	.0%	3.2%	14.3%	6.6%	2.7%	13.5%	3.2%	10.1%	.0%	.0%	.0%
Rate shoreline development encounters											

(continued)

Table B14. Number of Encounters and Their Evaluation by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Enjoyed seeing	16.0%	25.0%	30.8%	18.2%	10.0%	18.2%	.0%	10.3%	18.2%	72.7%	21.1%
Didnt mind seeing	72.0%	62.5%	61.5%	59.1%	75.0%	63.6%	64.3%	79.3%	81.8%	18.2%	68.4%
Disliked seeing	12.0%	12.5%	7.7%	22.7%	15.0%	18.2%	35.7%	10.3%	.0%	9.1%	10.5%
Hunters seen today											
0	95.1%	97.0%	100.0%	96.6%	97.2%	86.8%	92.9%	95.9%	91.7%	100.0%	98.0%
1 to 5	3.3%	.0%	.0%	3.4%	.0%	7.9%	7.1%	1.4%	5.6%	.0%	.0%
6 to 10	.0%	.0%	.0%	.0%	.0%	2.6%	.0%	1.4%	.0%	.0%	2.0%
11 to 20	1.6%	.0%	.0%	.0%	.0%	2.6%	.0%	1.4%	2.8%	.0%	.0%
31+	.0%	3.0%	.0%	.0%	2.8%	.0%	.0%	.0%	.0%	.0%	.0%
Rate hunting encounters											
Enjoyed seeing	30.0%	40.0%	100.0%	36.4%	8.3%	44.4%	.0%	19.0%	14.3%	50.0%	40.0%
Didnt mind seeing	60.0%	60.0%	.0%	54.5%	91.7%	55.6%	87.5%	76.2%	71.4%	37.5%	60.0%
Disliked seeing	10.0%	.0%	.0%	9.1%	.0%	.0%	12.5%	4.8%	14.3%	12.5%	.0%
N	80	43	35	81	54	54	39	100	51	38	63

(continued)

Table B14. Number of Encounters and Their Evaluation by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Canoes seen today				
0	87.0%	85.7%	69.2%	75.0%
1 to 5	9.3%	14.3%	23.1%	25.0%
6 to 10	1.9%	.0%	.0%	.0%
11 to 20	.0%	.0%	7.7%	.0%
21 to 30	.0%	.0%	.0%	.0%
31+	1.9%	.0%	.0%	.0%
Rate canoe encounters				
Enjoyed seeing	22.2%	20.0%	40.0%	.0%
Didnt mind seeing	77.8%	80.0%	60.0%	100.0%
Disliked seeing	.0%	.0%	.0%	.0%
Powerboats seen today				
0	24.6%	85.7%	8.3%	.0%
1 to 5	35.1%	4.8%	41.7%	33.3%
6 to 10	19.3%	9.5%	16.7%	33.3%
11 to 20	10.5%	.0%	16.7%	11.1%
21 to 30	3.5%	.0%	.0%	22.2%
31+	7.0%	.0%	16.7%	.0%
Rate powerboats encounters				
Enjoyed seeing	9.1%	40.0%	30.0%	.0%
Didnt mind seeing	84.1%	40.0%	60.0%	85.7%
Disliked seeing	6.8%	20.0%	10.0%	14.3%
Waterskiers seen today				
0	48.2%	90.5%	45.5%	33.3%
1 to 5	37.5%	4.8%	18.2%	44.4%
6 to 10	14.3%	4.8%	9.1%	11.1%
11 to 20	.0%	.0%	9.1%	11.1%
21 to 30	.0%	.0%	.0%	.0%
31+	.0%	.0%	18.2%	.0%
Rate waterskiers encounters				
Enjoyed seeing	9.1%	25.0%	42.9%	20.0%
Didnt mind seeing	81.8%	50.0%	42.9%	80.0%
Disliked seeing	9.1%	25.0%	14.3%	.0%
Jetskis seen today				
0	42.9%	86.4%	21.4%	22.2%
1 to 5	42.9%	9.1%	28.6%	22.2%
6 to 10	8.9%	4.5%	14.3%	33.3%
11 to 20	5.4%	.0%	21.4%	.0%

(continued)

Table B14. Number of Encounters and Their Evaluation by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
21 to 30	.0%	.0%	.0%	22.2%
31+	.0%	.0%	14.3%	.0%
Rate jetskiers encounters				
Enjoyed seeing	5.6%	20.0%	33.3%	20.0%
Didnt mind seeing	63.9%	40.0%	50.0%	40.0%
Disliked seeing	30.6%	40.0%	16.7%	40.0%
Bank anglers seen today				
0	47.3%	55.0%	58.3%	44.4%
1 to 5	36.4%	35.0%	25.0%	33.3%
6 to 10	12.7%	10.0%	8.3%	22.2%
11 to 20	1.8%	.0%	.0%	.0%
21 to 30	.0%	.0%	.0%	.0%
31+	1.8%	.0%	8.3%	.0%
Rate bank anglers encounters				
Enjoyed seeing	25.7%	50.0%	33.3%	.0%
Didnt mind seeing	71.4%	50.0%	66.7%	100.0%
Disliked seeing	2.9%	.0%	.0%	.0%
Wade anglers seen today				
0	90.7%	80.0%	83.3%	100.0%
1 to 5	7.4%	10.0%	8.3%	.0%
6 to 10	1.9%	5.0%	.0%	.0%
11 to 20	.0%	5.0%	.0%	.0%
21 to 30	.0%	.0%	.0%	.0%
31+	.0%	.0%	8.3%	.0%
Rate wade anglers encounters				
Enjoyed seeing	35.7%	50.0%	25.0%	.0%
Didnt mind seeing	64.3%	50.0%	75.0%	100.0%
Disliked seeing	.0%	.0%	.0%	.0%
Boat anglers seen today				
0	15.8%	81.0%	27.3%	22.2%
1 to 5	33.3%	14.3%	54.5%	33.3%
6 to 10	26.3%	4.8%	9.1%	11.1%
11 to 20	14.0%	.0%	.0%	33.3%
21 to 30	3.5%	.0%	.0%	.0%
31+	7.0%	.0%	9.1%	.0%

(continued)

Table B14. Number of Encounters and Their Evaluation by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Rate boat anglers encounters				
Enjoyed seeing	35.3%	50.0%	37.5%	.0%
Didnt mind seeing	56.9%	33.3%	62.5%	100.0%
Disliked seeing	7.8%	16.7%	.0%	.0%
River floaters seen today				
0	96.3%	85.7%	91.7%	88.9%
1 to 5	3.7%	9.5%	.0%	11.1%
6 to 10	.0%	4.8%	.0%	.0%
11 to 20	.0%	.0%	8.3%	.0%
31+	.0%	.0%	.0%	.0%
Rate river floater encounters				
Enjoyed seeing	18.2%	20.0%	33.3%	.0%
Didnt mind seeing	81.8%	80.0%	66.7%	100.0%
Disliked seeing	.0%	.0%	.0%	.0%
Livestock seen today				
0	81.5%	81.0%	83.3%	100.0%
1 to 5	14.8%	14.3%	16.7%	.0%
6 to 10	.0%	4.8%	.0%	.0%
11 to 20	3.7%	.0%	.0%	.0%
21 to 30	.0%	.0%	.0%	.0%
31+	.0%	.0%	.0%	.0%
Rate livestock encounters				
Enjoyed seeing	22.7%	33.3%	.0%	50.0%
Didnt mind seeing	72.7%	50.0%	100.0%	50.0%
Disliked seeing	4.5%	16.7%	.0%	.0%
Shoreline development seen today				
0	72.2%	85.0%	45.5%	88.9%
1 to 5	22.2%	10.0%	18.2%	.0%
6 to 10	1.9%	.0%	27.3%	.0%
11 to 20	.0%	5.0%	.0%	.0%
21 to 30	.0%	.0%	.0%	.0%
31+	3.7%	.0%	9.1%	11.1%
Rate shoreline development encounters				

(continued)

Table B14. Number of Encounters and Their Evaluation by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Enjoyed seeing	17.4%	50.0%	.0%	.0%
Didnt mind seeing	73.9%	50.0%	40.0%	100.0%
Disliked seeing	8.7%	.0%	60.0%	.0%
Hunters seen today				
0	98.2%	85.0%	91.7%	100.0%
1 to 5	1.8%	10.0%	8.3%	.0%
6 to 10	.0%	.0%	.0%	.0%
11 to 20	.0%	5.0%	.0%	.0%
31+	.0%	.0%	.0%	.0%
Rate hunting encounters				
Enjoyed seeing	10.0%	50.0%	.0%	50.0%
Didnt mind seeing	90.0%	25.0%	100.0%	50.0%
Disliked seeing	.0%	25.0%	.0%	.0%
N	67	41	18	10

Table B15. Perceptions of Crowding by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
How crowded did you feel during this visit?											
not at all crowded	33.3%	53.5%	54.3%	41.3%	37.7%	40.4%	45.9%	29.6%	44.9%	58.8%	45.0%
2	25.0%	9.3%	20.0%	12.5%	18.9%	17.0%	5.4%	8.2%	22.4%	23.5%	21.7%
slightly crowded	11.1%	11.6%	14.3%	12.5%	17.0%	10.6%	13.5%	15.3%	10.2%	5.9%	11.7%
4	4.2%	9.3%	.0%	5.0%	5.7%	8.5%	5.4%	4.1%	4.1%	5.9%	3.3%
5	6.9%	4.7%	5.7%	3.8%	3.8%	4.3%	5.4%	9.2%	8.2%	.0%	1.7%
moderately crowded	13.9%	4.7%	5.7%	13.8%	5.7%	6.4%	8.1%	11.2%	6.1%	2.9%	10.0%
7	4.2%	2.3%	.0%	8.8%	7.5%	8.5%	2.7%	12.2%	2.0%	2.9%	5.0%
8	.0%	4.7%	.0%	1.3%	1.9%	.0%	2.7%	5.1%	2.0%	.0%	.0%
extremely crowded	1.4%	.0%	.0%	1.3%	1.9%	4.3%	10.8%	5.1%	.0%	.0%	1.7%
Mean	2.93	2.49	2.00	3.08	2.87	2.98	3.32	3.94	2.45	1.85	2.55
N	80	43	35	81	54	54	39	100	51	38	63

(continued)

Table B15. Perceptions of Crowding by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
How crowded did you feel during this visit?				
not at all crowded	49.3%	77.1%	35.3%	44.4%
2	17.9%	17.1%	17.6%	33.3%
slightly crowded	10.4%	5.7%	.0%	11.1%
4	6.0%	.0%	23.5%	.0%
5	4.5%	.0%	5.9%	.0%
moderately crowded	1.5%	.0%	5.9%	11.1%
7	7.5%	.0%	.0%	.0%
8	1.5%	.0%	5.9%	.0%
extremely crowded	1.5%	.0%	5.9%	.0%
Mean	2.49	1.29	3.29	2.11
N	67	41	18	10

Table B16. Where crowding occurred by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Where did you feel crowded?											
In campsite	21.4%	7.7%	.0%	72.7%	43.8%	50.0%	50.0%	60.0%	57.1%	14.3%	14.3%
On shore	71.4%	.0%	.0%	13.6%	18.8%	.0%	.0%	2.9%	.0%	14.3%	7.1%
On boat ramp	.0%	30.8%	.0%	.0%	6.3%	.0%	.0%	5.7%	.0%	.0%	14.3%
Parking area	.0%	23.1%	.0%	.0%	.0%	.0%	12.5%	2.9%	.0%	.0%	14.3%
Weekend crowding at											
Holter dam campground	.0%	7.7%	.0%	.0%	6.3%	7.1%	.0%	11.4%	.0%	.0%	.0%
On the bank or shoreline	.0%	.0%	.0%	.0%	.0%	.0%	25.0%	2.9%	14.3%	28.6%	.0%
On the lake	.0%	23.1%	.0%	.0%	.0%	.0%	.0%	5.7%	14.3%	.0%	.0%
On water	.0%	15.4%	.0%	.0%	.0%	7.1%	12.5%	.0%	.0%	.0%	7.1%
Hellgate	.0%	.0%	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%	.0%
On boat dock	.0%	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%
Hellgate Canyon	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.9%	.0%	14.3%	7.1%
Kims Marina	.0%	.0%	.0%	.0%	6.3%	7.1%	.0%	.0%	.0%	.0%	.0%
Silos	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	14.3%
Swimming area	.0%	.0%	.0%	4.5%	6.3%	.0%	.0%	.0%	.0%	.0%	.0%
Marina	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%
Boat launch area	.0%	7.7%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%
Chinamens Gulch	.0%	.0%	.0%	.0%	12.5%	.0%	.0%	.0%	.0%	.0%	.0%
Black Sandy SRA	.0%	.0%	66.7%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Court Sheriff	.0%	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Confederate	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	28.6%	.0%
White Earth	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
Parking at side of road	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	14.3%	.0%
In fishing areas	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%
At restaurant	.0%	.0%	.0%	.0%	6.3%	.0%	.0%	.0%	.0%	.0%	.0%
Bathroom	.0%	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Yellowstone National Park	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Holter Lake	.0%	.0%	.0%	.0%	6.3%	.0%	.0%	.0%	.0%	.0%	.0%
On land	.0%	.0%	.0%	.0%	.0%	.0%	12.5%	.0%	.0%	.0%	.0%
Weekends	.0%	.0%	.0%	.0%	.0%	7.1%	.0%	.0%	.0%	.0%	.0%
By Pavilion	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%
Magpie Bay	.0%	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
East shore	7.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B16. Where crowding occurred by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Log Gulch											
Campground	.0%	.0%	.0%	.0%	6.3%	.0%	.0%	.0%	.0%	.0%	.0%
Riverside	.0%	.0%	33.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Jo Bonner	.0%	.0%	.0%	.0%	.0%	.0%	12.5%	.0%	.0%	.0%	.0%
Goose Bay	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
Kirkwood Picnic Site	.0%	.0%	.0%	.0%	.0%	7.1%	.0%	.0%	.0%	.0%	.0%
Seeley Lake	.0%	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
N	14	13	3	22	16	14	8	35	7	7	14

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B16. Where crowding occurred by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Where did you feel crowded?				
In campsite	23.1%	.0%	50.0%	.0%
On shore	.0%	.0%	.0%	50.0%
On boat ramp	46.2%	.0%	.0%	.0%
Parking area	15.4%	.0%	.0%	50.0%
Weekend crowding at				
Holter dam campground	.0%	.0%	.0%	.0%
On the bank or shoreline	.0%	.0%	.0%	.0%
On the lake	.0%	.0%	.0%	.0%
On water	.0%	.0%	.0%	.0%
Hellgate	.0%	.0%	.0%	.0%
On boat dock	15.4%	.0%	.0%	.0%
Hellgate Canyon	.0%	.0%	.0%	.0%
Kims Marina	.0%	.0%	25.0%	.0%
Silos	.0%	.0%	.0%	.0%
Swimming area	.0%	.0%	.0%	.0%
Marina	.0%	.0%	.0%	.0%
Boat launch area	.0%	.0%	.0%	.0%
Chinamens Gulch	.0%	.0%	.0%	.0%
Black Sandy SRA	.0%	.0%	.0%	.0%
Court Sheriff	.0%	.0%	25.0%	.0%
Confederate	.0%	.0%	.0%	.0%
White Earth	7.7%	.0%	.0%	.0%
Parking at side of road	.0%	.0%	.0%	.0%
In fishing areas	.0%	.0%	.0%	.0%
At restaurant	.0%	.0%	.0%	.0%
Bathroom	.0%	.0%	.0%	.0%
Yellowstone National Park	.0%	100.0%	.0%	.0%
Holter Lake	.0%	.0%	.0%	.0%
On land	.0%	.0%	.0%	.0%
Weekends	.0%	.0%	.0%	.0%
By Pavilion	.0%	.0%	.0%	.0%
Magpie Bay	.0%	.0%	.0%	.0%
East shore	.0%	.0%	.0%	.0%

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B16. Where crowding occurred by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Log Gulch				
Campground	.0%	.0%	.0%	.0%
Riverside	.0%	.0%	.0%	.0%
Jo Bonner	.0%	.0%	.0%	.0%
Goose Bay	.0%	.0%	.0%	.0%
Kirkwood Picnic				
Site	.0%	.0%	.0%	.0%
Seeley Lake	.0%	.0%	.0%	.0%
N	13	1	4	2

Note: totals do not add to 100% due to multiple responses.

Table B17. Reasons No Longer Visit Sites by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Are there any sites in this area you no longer visit?											
yes	12.0%	2.4%	11.8%	17.9%	9.8%	22.0%	26.3%	30.1%	40.4%	37.1%	17.2%
no	88.0%	97.6%	88.2%	82.1%	90.2%	78.0%	73.7%	69.9%	59.6%	62.9%	82.8%
Reasons no longer visit sites											
because of fees	28.6%	100.0%	.0%	.0%	.0%	14.3%	11.1%	16.0%	60.0%	42.9%	14.3%
because of crowding	57.1%	100.0%	75.0%	22.2%	100.0%	57.1%	22.2%	68.0%	80.0%	71.4%	.0%
conflicts with other users	.0%	.0%	.0%	11.1%	.0%	28.6%	22.2%	32.0%	26.7%	35.7%	.0%
overuse	42.9%	.0%	50.0%	11.1%	50.0%	14.3%	11.1%	52.0%	33.3%	57.1%	14.3%
resource degradation	14.3%	.0%	25.0%	11.1%	50.0%	14.3%	11.1%	20.0%	.0%	21.4%	14.3%
other reason	42.9%	100.0%	50.0%	77.8%	50.0%	28.6%	55.6%	24.0%	6.7%	7.1%	71.4%
specific other reason											
conflict with other users	.0%	.0%	.0%	.0%	.0%	.0%	.0%	33.3%	.0%	.0%	.0%
Closed/no access	.0%	.0%	.0%	.0%	.0%	.0%	.0%	50.0%	.0%	.0%	.0%
Dirty	50.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Traffic	.0%	.0%	50.0%	.0%	.0%	.0%	20.0%	.0%	.0%	.0%	.0%
Privatized	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Dont like taste of fish	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	20.0%
Inadequate facilities	.0%	.0%	.0%	.0%	.0%	.0%	.0%	16.7%	100.0%	.0%	20.0%
Too far away	.0%	.0%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%	.0%	20.0%
Day use only	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
No shade	.0%	.0%	.0%	28.6%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Didnt like caretaker/poor management	.0%	.0%	.0%	.0%	.0%	.0%	20.0%	.0%	.0%	100.0%	20.0%
Road conditions	.0%	.0%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
To developed	.0%	.0%	.0%	.0%	.0%	.0%	20.0%	.0%	.0%	.0%	.0%
Insects	.0%	.0%	.0%	.0%	.0%	50.0%	.0%	.0%	.0%	.0%	.0%
Public	.0%	.0%	.0%	.0%	.0%	.0%	20.0%	.0%	.0%	.0%	.0%
Low water	.0%	.0%	50.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Bad boat ramp	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Rocky beaches	.0%	.0%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Poor parking lot	.0%	100.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Not enough scenic sites	.0%	.0%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Use limits	.0%	.0%	.0%	.0%	.0%	50.0%	.0%	.0%	.0%	.0%	.0%
Not convenient	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	20.0%
Changes are unacceptable	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
No trees	.0%	.0%	.0%	14.3%	.0%	.0%	20.0%	.0%	.0%	.0%	.0%
No beach	25.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Too rocky for swimming	25.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%

(continued)

Table B17. Reasons No Longer Visit Sites by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
N	80	43	35	81	54	54	39	100	51	38	63

(continued)

Table B17. Reasons No Longer Visit Sites by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Are there any sites in this area you no longer visit?				
yes	29.2%	17.1%	18.8%	55.6%
no	70.8%	82.9%	81.3%	44.4%
Reasons no longer visit sites				
because of fees	22.2%	33.3%	.0%	80.0%
because of crowding	44.4%	33.3%	.0%	80.0%
conflicts with other users	16.7%	33.3%	.0%	40.0%
overuse	27.8%	33.3%	.0%	40.0%
resource degradation	11.1%	.0%	.0%	.0%
other reason	44.4%	33.3%	.0%	.0%
specific other reason				
conflict with other users	.0%	.0%	.0%	.0%
Closed/no access	.0%	.0%	.0%	.0%
Dirty	.0%	.0%	.0%	.0%
Traffic	.0%	.0%	.0%	.0%
Privatized	12.5%	.0%	.0%	.0%
Dont like taste of fish	.0%	.0%	.0%	.0%
Inadequate facilities	.0%	.0%	.0%	.0%
Too far away	.0%	.0%	.0%	.0%
Day use only	12.5%	.0%	.0%	.0%
No shade	.0%	.0%	.0%	.0%
Didnt like caretaker/poor management	12.5%	.0%	.0%	.0%
Road conditions	.0%	.0%	.0%	.0%
To developed	.0%	.0%	.0%	.0%
Insects	.0%	100.0%	.0%	.0%
Public	.0%	.0%	.0%	.0%
Low water	.0%	.0%	.0%	.0%
Bad boat ramp	12.5%	.0%	.0%	.0%
Rocky beaches	12.5%	.0%	.0%	.0%
Poor parking lot	.0%	.0%	.0%	.0%
Not enough scenic sites	.0%	.0%	.0%	.0%
Use limits	12.5%	.0%	.0%	.0%
Not convenient	.0%	.0%	.0%	.0%
Changes are unacceptable	12.5%	.0%	.0%	.0%
No trees	.0%	.0%	.0%	.0%
No beach	.0%	.0%	.0%	.0%
Too rocky for swimming	.0%	.0%	.0%	.0%

(continued)

Table B17. Reasons No Longer Visit Sites by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
N	67	41	18	10

Table B18. Recreation Sites No Longer Visited by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Sites no longer visited											
Hellgate	.0%	.0%	.0%	36.4%	.0%	28.6%	33.3%	4.5%	33.3%	35.7%	12.5%
Chinamen Gulch	42.9%	.0%	25.0%	27.3%	.0%	14.3%	22.2%	22.7%	.0%	14.3%	.0%
Silos	.0%	.0%	.0%	18.2%	.0%	.0%	.0%	9.1%	50.0%	35.7%	.0%
Court Sheriff	.0%	.0%	.0%	.0%	.0%	14.3%	22.2%	18.2%	25.0%	7.1%	.0%
Kims Marina	14.3%	.0%	.0%	.0%	.0%	.0%	.0%	27.3%	16.7%	7.1%	.0%
Confederate	.0%	.0%	.0%	.0%	.0%	.0%	11.1%	22.7%	.0%	.0%	25.0%
Black Sandy SRA	.0%	.0%	50.0%	9.1%	100.0%	14.3%	.0%	13.6%	.0%	.0%	.0%
White Earth	.0%	.0%	.0%	9.1%	.0%	14.3%	11.1%	.0%	16.7%	14.3%	12.5%
Goose Bay	.0%	.0%	.0%	9.1%	.0%	.0%	.0%	4.5%	.0%	7.1%	.0%
Canyon Ferry	.0%	.0%	.0%	.0%	.0%	.0%	.0%	9.1%	.0%	.0%	12.5%
Hauser Dam	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%	8.3%	.0%	.0%
Lorelei	28.6%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
West Shore Public Access	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.5%	.0%	.0%	.0%
East Side Fishing Access	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%
Causeway Fishing Access	.0%	.0%	25.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Riverside SRA	.0%	.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Holter Dam Campground	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Gates Of The Mountains Inc	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	12.5%
Lewis and Clark Interpretive Center	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Spring Meadow	.0%	100.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Missouri Headwaters	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Lewis and Clark Caverns	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
East side of lake	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	12.5%
Harrison	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Little Goose	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Georgetown Lake	.0%	.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Duck Creek	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	12.5%
Rock Creek	.0%	.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Cottonwood	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Pines Recreation Area	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	8.3%	.0%	.0%
Holter Dam	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	8.3%	.0%	.0%
Riverside	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.5%	.0%	.0%	.0%
Orchard	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%
Chalet	14.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Overlook	14.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
N	7	1	4	11	2	7	9	22	12	14	8

Note: totals do not add to 100% due to multiple responses.

(continued)

Table B18. Recreation Sites No Longer Visited by Site

	Site name		
	White Earth	Indian Road	Fish Hawk
Sites no longer visited			
Hellgate	31.6%	.0%	.0%
Chinamen Gulch	5.3%	.0%	60.0%
Silos	15.8%	.0%	.0%
Court Sheriff	21.1%	.0%	20.0%
Kims Marina	5.3%	.0%	.0%
Confederate	15.8%	.0%	.0%
Black Sandy SRA	5.3%	.0%	.0%
White Earth	.0%	.0%	.0%
Goose Bay	10.5%	.0%	.0%
Canyon Ferry	.0%	.0%	.0%
Hauser Dam	.0%	.0%	.0%
Lorelei	.0%	.0%	.0%
West Shore Public Access	.0%	.0%	.0%
East Side Fishing Access	.0%	.0%	.0%
Causeway Fishing Access	.0%	.0%	.0%
Riverside SRA	.0%	.0%	.0%
Holter Dam Campground	5.3%	.0%	.0%
Gates Of The Mountains Inc	.0%	.0%	.0%
Lewis and Clark Interpretive Center	.0%	.0%	20.0%
Spring Meadow	.0%	.0%	.0%
Missouri Headwaters	.0%	33.3%	.0%
Lewis and Clark Caverns	.0%	33.3%	.0%
East side of lake	.0%	.0%	.0%
Harrison	5.3%	.0%	.0%
Little Goose	5.3%	.0%	.0%
Georgetown Lake	.0%	.0%	.0%
Duck Creek	.0%	.0%	.0%
Rock Creek	.0%	.0%	.0%
Cottonwood	.0%	33.3%	.0%
Pines Recreation Area	.0%	.0%	.0%
Holter Dam	.0%	.0%	.0%
Riverside	.0%	.0%	.0%
Orchard	.0%	.0%	.0%
Chalet	.0%	.0%	.0%
Overlook	.0%	.0%	.0%
N	19	3	5

Note: totals do not add to 100% due to multiple responses.

Table B19. Behavioral Response to Displacement by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
If this site were closed, how would it affect trip plans?											
I would choose another site in this area	63.2%	87.2%	60.6%	63.5%	68.0%	43.8%	47.2%	53.3%	42.9%	51.5%	55.4%
I would choose another site somewhere else	8.8%	5.1%	12.1%	17.6%	14.0%	16.7%	25.0%	35.6%	21.4%	33.3%	28.6%
I would visit at some other time	20.6%	7.7%	24.2%	9.5%	6.0%	12.5%	16.7%	4.4%	14.3%	9.1%	8.9%
I would stay home	4.4%	.0%	.0%	5.4%	4.0%	20.8%	8.3%	4.4%	21.4%	6.1%	3.6%
I would do some other activity	2.9%	.0%	3.0%	4.1%	8.0%	6.3%	2.8%	2.2%	.0%	.0%	3.6%
N	80	43	35	81	54	54	39	100	51	38	63

(continued)

Table B19. Behavioral Response to Displacement by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
If this site were closed, how would it affect trip plans?				
I would choose another site in this area	66.2%	42.9%	43.8%	50.0%
I would choose another site somewhere else	10.8%	28.6%	18.8%	10.0%
I would visit at some other time	15.4%	22.9%	18.8%	20.0%
I would stay home	6.2%	.0%	12.5%	10.0%
I would do some other activity	1.5%	5.7%	6.3%	10.0%
N	67	41	18	10

Table B20. Average Measures of Attachment to Place by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
A lot of my life is organized around this place	-.90	-.26	-.52	-.56	-.35	.28	-.37	-.45	-.07	-.21	-.46
This place is the best for what I like to do	.43	.59	.54	.75	.59	1.26	1.05	.43	1.11	.78	.40
I feel no commitment to this place	.21	.25	.19	-.04	.12	-.26	-.28	-.22	-.49	-.25	-.02
The time I spend here could just as easily be spent somewhere else	.24	-.05	.22	.24	.14	-.26	.14	.14	-.09	-.08	.44
I am very attached to this place	.03	.26	.18	.23	.15	.88	.49	.07	.70	.81	-.12
I identify strongly with this place	.10	.05	.07	.31	.25	.83	.47	.07	.68	.69	-.07
This place makes me feel like no other place can	-.17	-.64	-.32	-.15	-.08	.49	.14	-.34	-.09	.06	-.67
Doing what I do here is more important than doing it any other place	-.27	-.49	-.03	-.27	-.06	.38	.22	-.45	-.17	-.11	-.43
N	80	43	35	81	54	54	39	100	51	38	63

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

(continued)

Table B20. Average Measures of Attachment to Place by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
A lot of my life is organized around this place	-.14	-.54	.00	-.56
This place is the best for what I like to do	.65	.74	.81	1.20
I feel no commitment to this place	-.31	.10	.00	-.50
The time I spend here could just as easily be spent somewhere else	.11	.29	.19	-.11
I am very attached to this place	.31	-.15	.63	.78
I identify strongly with this place	.23	.06	.63	.50
This place makes me feel like no other place can	-.24	-.32	.25	.30
Doing what I do here is more important than doing it any other place	-.22	-.38	.19	.22
N	67	41	18	10

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

Table B21. Group Trip Expenditures by Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Motel/hotel/BB	7.59	.00	2.86	11.26	.00	4.44	.00	1.68	3.53	1.45	4.17
Campground/RV parks	.15	.00	7.86	18.85	15.38	38.52	16.82	13.85	14.53	.00	11.56
Guides/outfitters	.00	.00	.00	.00	.00	.00	.00	.00	.00	52.66	2.13
Licenses and entrance fees	.18	.33	8.69	3.90	3.96	4.11	6.54	13.44	3.16	1.32	1.79
Auto/RV rental/repair	.00	.00	4.09	5.62	2.56	20.63	6.46	6.54	8.63	.00	.00
Transportation expenses	.00	.47	2.14	.25	3.70	7.41	2.05	.00	.00	.00	.00
Gasoline/oil	7.98	16.79	27.97	45.00	17.74	28.28	34.66	42.04	21.08	13.74	24.67
Restaurant/bar	2.93	3.33	9.17	22.70	12.19	29.81	4.36	3.11	2.65	1.18	4.22
Groceries/snacks	5.86	10.56	26.46	55.49	35.57	24.96	48.72	61.05	26.18	26.55	28.54
Retail goods	1.63	4.42	27.89	27.26	7.78	1.85	14.62	5.35	21.78	.92	24.38
Other expenses	.13	.00	.86	1.48	.09	.00	2.18	.50	4.90	7.89	3.14
Total expenditures	26.42	35.88	117.97	194.16	102.02	160.02	142.84	147.56	106.43	105.71	104.60
N	80	43	35	81	54	54	39	100	51	38	63

(continued)

Table B21. Group Trip Expenditures by Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Motel/hotel/BB	.00	12.10	.00	.00
Campground/RV parks	4.12	4.95	3.56	.00
Guides/outfitters	1.49	.00	.00	.00
Licenses and entrance fees	3.52	1.32	.00	.00
Auto/RV rental/repair	.22	3.54	.00	.00
Transportation expenses	.00	.37	.00	.00
Gasoline/oil	29.73	8.00	5.39	3.60
Restaurant/bar	2.49	6.88	5.56	.00
Groceries/snacks	23.10	23.63	13.50	29.00
Retail goods	3.48	2.73	18.06	.00
Other expenses	.00	2.80	.00	.20
Total expenditures	68.48	63.00	44.06	32.80
N	67	41	18	10

Appendix C - Visitor Survey Results for Holter and Hauser Sites

Table 1. Visitor Characteristics by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
age	47	46	45	49	51	49	38	39
gender								
male	56.6%	77.6%	67.2%	69.8%	55.2%	56.5%	45.8%	58.8%
female	43.4%	22.4%	32.8%	30.2%	44.8%	43.5%	54.2%	41.2%
highest level of education completed								
Elementary	2.8%	1.3%	1.8%	.0%	2.3%	.0%	.0%	.0%
High school	36.7%	45.3%	33.3%	30.8%	43.8%	32.9%	21.7%	12.1%
College	39.4%	44.0%	43.9%	55.8%	38.3%	52.4%	69.6%	57.6%
Post grad	21.1%	9.3%	21.1%	13.5%	15.6%	14.6%	8.7%	30.3%
primary occupation								
professional	25.0%	23.6%	55.6%	22.4%	22.2%	34.1%	29.2%	45.5%
managerial	6.5%	5.6%	7.4%	4.1%	7.1%	8.5%	12.5%	15.2%
sales	2.8%	.0%	.0%	6.1%	4.0%	3.7%	4.2%	6.1%
clerical	4.6%	6.9%	1.9%	.0%	4.0%	4.9%	4.2%	9.1%
craftsman	8.3%	8.3%	7.4%	4.1%	7.1%	6.1%	8.3%	3.0%
operatives	2.8%	.0%	3.7%	2.0%	1.6%	1.2%	.0%	.0%
transport	3.7%	2.8%	3.7%	.0%	2.4%	3.7%	4.2%	.0%
laborer	5.6%	13.9%	1.9%	6.1%	3.2%	2.4%	.0%	3.0%
service worker	1.9%	2.8%	.0%	4.1%	.8%	1.2%	12.5%	3.0%
farmer/rancher	1.9%	1.4%	.0%	2.0%	1.6%	3.7%	4.2%	.0%
farm/ranch laborer	.0%	.0%	.0%	.0%	.8%	.0%	.0%	.0%
armed services	3.7%	1.4%	.0%	12.2%	2.4%	3.7%	.0%	.0%
homemaker	8.3%	4.2%	.0%	4.1%	11.1%	2.4%	4.2%	.0%
student	2.8%	2.8%	.0%	2.0%	1.6%	.0%	.0%	3.0%
retired	17.6%	20.8%	16.7%	26.5%	28.6%	23.2%	12.5%	9.1%
unemployed/disabled	4.6%	5.6%	1.9%	4.1%	1.6%	1.2%	4.2%	3.0%
household income before taxes								
less than \$10,000	5.1%	9.2%	.0%	4.1%	1.7%	1.4%	8.3%	6.7%
10,000-\$19,000	8.2%	20.0%	7.1%	10.2%	6.7%	16.2%	8.3%	6.7%
\$20,000-\$29,000	16.3%	24.6%	10.7%	22.4%	12.6%	16.2%	16.7%	36.7%
\$30,000-\$39,000	17.3%	13.8%	17.9%	20.4%	18.5%	16.2%	20.8%	10.0%
\$40,000-\$49,000	17.3%	16.9%	12.5%	6.1%	19.3%	12.2%	12.5%	10.0%
\$50,000-\$59,000	11.2%	4.6%	21.4%	4.1%	14.3%	13.5%	8.3%	16.7%
\$60,000-\$69,000	11.2%	9.2%	16.1%	8.2%	9.2%	4.1%	12.5%	3.3%

\$70,000 or more	13.3%	1.5%	14.3%	24.5%	17.6%	20.3%	12.5%	10.0%
N	121	79	61	58	141	88	24	34

Table 2. Visitor State of Residence by Site

home state	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
MONTANA	90.4%	90.7%	91.5%	74.1%	89.1%	89.5%	87.5%	85.3%
WASHINGTON	.9%	.0%	1.7%	5.6%	1.5%	3.5%	4.2%	.0%
CALIFORNIA	.9%	1.3%	.0%	3.7%	1.5%	.0%	.0%	.0%
UTAH	.0%	1.3%	.0%	1.9%	1.5%	.0%	.0%	.0%
WISCONSIN	.0%	.0%	1.7%	3.7%	.0%	.0%	4.2%	.0%
IDAHO	1.8%	.0%	.0%	.0%	.0%	1.2%	.0%	.0%
NEW YORK	.0%	1.3%	1.7%	1.9%	.0%	.0%	.0%	.0%
TEXAS	.0%	.0%	.0%	1.9%	.7%	1.2%	.0%	.0%
ALBERTA	.0%	.0%	1.7%	.0%	.7%	1.2%	.0%	.0%
JAPAN	.0%	.0%	.0%	.0%	.0%	.0%	.0%	8.8%
ARIZONA	.0%	.0%	.0%	.0%	.7%	1.2%	.0%	.0%
COLORADO	.9%	.0%	.0%	.0%	.0%	.0%	4.2%	.0%
CONNECTICUT	.9%	1.3%	.0%	.0%	.0%	.0%	.0%	.0%
MINNESOTA	.0%	.0%	.0%	.0%	.7%	1.2%	.0%	.0%
NORTH DAKOTA	.0%	1.3%	.0%	.0%	.0%	1.2%	.0%	.0%
OHIO	.9%	1.3%	.0%	.0%	.0%	.0%	.0%	.0%
PENNSYLVANIA	.0%	.0%	.0%	1.9%	.7%	.0%	.0%	.0%
WYOMING	.0%	.0%	.0%	.0%	1.5%	.0%	.0%	.0%
ALASKA	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.9%
FLORIDA	.0%	.0%	.0%	1.9%	.0%	.0%	.0%	.0%
ILLINOIS	.9%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
MISSOURI	.0%	.0%	.0%	.0%	.7%	.0%	.0%	.0%
NEBRASKA	.9%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
NEVADA	.0%	.0%	.0%	1.9%	.0%	.0%	.0%	.0%
NEW MEXICO	.0%	.0%	.0%	1.9%	.0%	.0%	.0%	.0%
OKLAHOMA	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.9%
OREGON	.0%	.0%	.0%	.0%	.7%	.0%	.0%	.0%
VIRGINIA	.9%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
NOVA SCOTIA	.0%	.0%	1.7%	.0%	.0%	.0%	.0%	.0%
PHILIPPINES	.0%	1.3%	.0%	.0%	.0%	.0%	.0%	.0%
OTHER	.9%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
N	121	79	61	58	141	88	24	34

Table 3. Montana County of Residence by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
MTCNTY								
CASCADE	7.6%	2.7%	6.1%	64.1%	58.7%	64.4%	66.7%	.0%
LEWIS AND CLARK	27.3%	62.2%	48.5%	17.9%	5.5%	4.1%	9.5%	89.5%
MISSOULA	21.2%	2.7%	.0%	2.6%	7.3%	6.8%	4.8%	5.3%
SILVER BOW	4.5%	16.2%	.0%	.0%	4.6%	1.4%	.0%	.0%
RAVALLI	4.5%	.0%	.0%	2.6%	3.7%	8.2%	.0%	.0%
FLATHEAD	1.5%	2.7%	6.1%	5.1%	4.6%	.0%	4.8%	.0%
GALLATIN	4.5%	2.7%	6.1%	2.6%	2.8%	1.4%	4.8%	.0%
YELLOWSTONE	6.1%	2.7%	6.1%	2.6%	2.8%	1.4%	.0%	.0%
CHOUTEAU	3.0%	.0%	.0%	.0%	2.8%	2.7%	4.8%	.0%
JEFFERSON	.0%	2.7%	9.1%	.0%	.0%	1.4%	.0%	5.3%
PARK	4.5%	.0%	6.1%	.0%	.0%	1.4%	.0%	.0%
HILL	1.5%	.0%	.0%	2.6%	.9%	1.4%	.0%	.0%
STILLWATER	3.0%	.0%	3.0%	.0%	.0%	.0%	4.8%	.0%
DEER LODGE	4.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
MINERAL	1.5%	.0%	.0%	.0%	.0%	2.7%	.0%	.0%
POWELL	.0%	.0%	3.0%	.0%	1.8%	.0%	.0%	.0%
BROADWATER	1.5%	2.7%	.0%	.0%	.0%	.0%	.0%	.0%
FERGUS	.0%	.0%	.0%	.0%	1.8%	.0%	.0%	.0%
PONDERA	.0%	.0%	.0%	.0%	.9%	1.4%	.0%	.0%
TETON	.0%	.0%	3.0%	.0%	.9%	.0%	.0%	.0%
CARBON	.0%	.0%	3.0%	.0%	.0%	.0%	.0%	.0%
GLACIER	.0%	.0%	.0%	.0%	.9%	.0%	.0%	.0%
GRANITE	1.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
LAKE	.0%	.0%	.0%	.0%	.0%	1.4%	.0%	.0%
PHILLIPS	1.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
ROOSEVELT	.0%	2.7%	.0%	.0%	.0%	.0%	.0%	.0%
N	103	68	54	40	122	77	21	29

Table 4. Group Characteristics by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
group type								
alone	6.1%	27.6%	10.2%	10.9%	6.5%	8.0%	.0%	26.5%
family	51.8%	47.4%	45.8%	38.2%	59.0%	46.0%	52.2%	32.4%
friends	14.9%	14.5%	15.3%	30.9%	9.4%	20.7%	4.3%	32.4%
family and friends	25.4%	10.5%	28.8%	20.0%	25.2%	25.3%	43.5%	8.8%
business associates	1.8%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Group size	4.83	2.25	4.26	3.34	5.46	4.95	4.25	2.29
# of males in group?	1.83	1.23	1.75	1.57	2.13	2.07	1.67	1.18
# of females in group?	1.45	.43	1.39	1.16	2.06	1.63	1.33	.59
# of children (16 and under) in group?	1.46	.44	1.03	.52	1.22	1.22	1.21	.35
N	121	79	61	58	141	88	24	34

Table 5. Visitor Site Experience by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
first visit?								
yes	19.83%	18.18%	3.28%	19.30%	17.99%	17.24%	16.67%	9.09%
no	80.17%	81.82%	96.72%	80.70%	82.01%	82.76%	83.33%	90.91%
N	121	77	61	57	139	87	24	33
number of visits to this site before today								
1 to 5	29.9%	16.7%	26.8%	23.9%	27.8%	25.7%	10.5%	23.3%
6 to 10	16.5%	15.0%	14.3%	17.4%	13.0%	7.1%	36.8%	23.3%
more than 10	53.6%	68.3%	58.9%	58.7%	59.3%	67.1%	52.6%	53.3%
N	97	60	56	46	108	70	19	30
years visiting this site								
less than 1	11.3%	9.4%	3.4%	8.2%	5.4%	4.2%	5.6%	21.9%
1 to 2	8.2%	12.5%	15.3%	10.2%	10.7%	8.5%	.0%	6.3%
3 to 5	17.5%	12.5%	22.0%	12.2%	7.1%	12.7%	22.2%	21.9%
5 to 10	26.8%	12.5%	27.1%	14.3%	26.8%	15.5%	27.8%	21.9%
more than 10 years	36.1%	53.1%	32.2%	55.1%	50.0%	59.2%	44.4%	28.1%
staying over night?								
yes	60.3%	1.3%	45.9%	54.4%	81.4%	74.1%	45.8%	6.1%
no	39.7%	98.7%	54.1%	45.6%	18.6%	25.9%	54.2%	93.9%
if yes, how many nights?	3.18	4.00	2.89	5.03	4.11	3.13	2.91	2.50
if no, how many hours?								
less than 1	.0%	1.7%	6.9%	30.0%	3.7%	.0%	.0%	.0%
1 to 2 hours	.0%	33.9%	17.2%	5.0%	7.4%	9.1%	27.3%	10.7%
2 to 6 hours	83.9%	55.9%	58.6%	55.0%	37.0%	54.5%	63.6%	85.7%
more than 6 hours	16.1%	8.5%	17.2%	10.0%	51.9%	36.4%	9.1%	3.6%
N	121	79	61	58	141	88	24	34

Table 6. Group Disabilities by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
anyone in group with a disability?								
yes	18.6%	23.3%	17.2%	23.2%	15.3%	12.6%	4.2%	12.1%
no	81.4%	76.7%	82.8%	76.8%	84.7%	87.4%	95.8%	87.9%
Specific disabilities								
Back condition	35.7%	8.3%	.0%	50.0%	22.2%	.0%	100.0%	.0%
Difficulty walking	7.1%	25.0%	14.3%	.0%	16.7%	14.3%	.0%	.0%
Bad knee	.0%	16.7%	.0%	12.5%	5.6%	.0%	.0%	50.0%
Heart condition	21.4%	.0%	.0%	25.0%	.0%	.0%	.0%	.0%
Arthritis	.0%	8.3%	14.3%	.0%	5.6%	28.6%	.0%	.0%
Mobility problems	14.3%	.0%	.0%	12.5%	11.1%	.0%	.0%	.0%
Wheelchair confinement	.0%	8.3%	.0%	.0%	11.1%	14.3%	.0%	.0%
Mental illness	7.1%	16.7%	.0%	.0%	5.6%	.0%	.0%	.0%
Blindness	.0%	16.7%	.0%	.0%	.0%	14.3%	.0%	.0%
Foot	.0%	8.3%	.0%	.0%	11.1%	.0%	.0%	.0%
Legs	7.1%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%
Muscular dystrophy	.0%	.0%	.0%	.0%	11.1%	.0%	.0%	.0%
Amputee	7.1%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%
Old age	.0%	.0%	.0%	12.5%	5.6%	.0%	.0%	.0%
Quadriplegic	14.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Replacements-hip								
shoulder	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
Hearing	.0%	8.3%	.0%	.0%	.0%	.0%	.0%	.0%
Cancer	.0%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%
Diabetes	7.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Handicapped child	.0%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%
Chronic hip	.0%	.0%	.0%	.0%	.0%	.0%	.0%	50.0%
Learning	.0%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%
Asthma	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
Stroke	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%
Seizures	7.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Sun allergy	.0%	8.3%	.0%	.0%	.0%	.0%	.0%	.0%
Missing lung	.0%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%
Emphysema	7.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Glaucoma	7.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Arm messed up	.0%	8.3%	.0%	.0%	.0%	.0%	.0%	.0%
Chronic fatigue syndrome	.0%	.0%	.0%	.0%	.0%	.0%	.0%	50.0%
Osteoporosis	.0%	.0%	14.3%	.0%	.0%	.0%	.0%	.0%
PTSD	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
N	14	12	7	8	18	7	1	2

Note: totals do not add to 100% due to multiple responses.

Table 7. Reasons for Choosing This Site by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Reasons why site chosen								
close to home	55.4%	74.7%	60.7%	42.1%	58.3%	59.8%	58.3%	78.8%
easy to get to group	53.7%	73.3%	60.7%	38.6%	57.6%	44.8%	54.2%	66.7%
facilities available	10.7%	6.7%	1.6%	7.0%	13.7%	10.3%	16.7%	.0%
specific attraction?	18.2%	24.0%	31.1%	17.5%	34.5%	32.2%	33.3%	18.2%
other sites too crowded?	5.8%	5.3%	21.3%	5.3%	3.6%	9.2%	.0%	6.1%
good facilities	33.9%	9.3%	37.7%	15.8%	50.4%	42.5%	45.8%	9.1%
good fishing	52.1%	60.0%	34.4%	84.2%	54.0%	65.5%	41.7%	81.8%
scenic beauty	39.7%	13.3%	37.7%	57.9%	68.3%	72.4%	66.7%	75.8%
been here before	50.4%	54.7%	67.2%	61.4%	67.6%	67.8%	54.2%	63.6%
try a new area	10.7%	5.3%	1.6%	10.5%	8.6%	9.2%	20.8%	12.1%
Lewis and Clark historic site	7.4%	1.3%	.0%	5.3%	7.2%	5.7%	8.3%	3.0%
heard about it	13.2%	10.7%	1.6%	15.8%	10.1%	8.0%	8.3%	9.1%
other reason to visit this site?	10.7%	6.7%	16.4%	10.5%	19.4%	13.8%	16.7%	15.2%
most important reason for visiting site								
good fishing	24.1%	30.4%	11.1%	64.7%	22.1%	36.3%	18.2%	56.3%
close to home	25.9%	31.9%	35.2%	3.9%	20.5%	23.8%	22.7%	15.6%
scenic beauty	6.5%	1.4%	1.9%	7.8%	13.1%	5.0%	13.6%	12.5%
good facilities	10.2%	.0%	1.9%	2.0%	16.4%	5.0%	4.5%	.0%
been here before	11.1%	1.4%	9.3%	5.9%	6.6%	8.8%	9.1%	.0%
easy to get to specific	2.8%	10.1%	18.5%	3.9%	4.9%	3.8%	4.5%	.0%
attraction	2.8%	8.7%	13.0%	.0%	3.3%	3.8%	9.1%	3.1%
try a new area	3.7%	2.9%	1.9%	3.9%	6.6%	1.3%	13.6%	3.1%
other reason	4.6%	2.9%	1.9%	2.0%	2.5%	7.5%	.0%	6.3%
heard about it	2.8%	7.2%	1.9%	2.0%	1.6%	3.8%	.0%	3.1%
group facilities available	3.7%	2.9%	.0%	3.9%	2.5%	.0%	4.5%	.0%

Note: totals do not add to 100% due to multiple responses.

(continued)

Table 7. Reasons for Choosing This Site by Site

	survey site								
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam	
other sites too crowded	.9%	.0%	3.7%	.0%	.0%	1.3%	.0%	.0%	
Lewis and Clark historical site	.9%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	
N	121	79	61	58	141	88	24	34	

Note: totals do not add to 100% due to multiple responses.

Table 7.1. Other Crowded Sites as a Reason for Choosing This Site by Site

	survey site						
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Hauser Dam
Sites crowded							
Black Sandy	.0%	25.0%	61.5%	.0%	.0%	.0%	.0%
Holter	40.0%	.0%	15.4%	33.3%	20.0%	14.3%	50.0%
Canyon Ferry	.0%	25.0%	15.4%	.0%	.0%	.0%	100.0%
Hauser Dam	.0%	.0%	.0%	.0%	20.0%	42.9%	50.0%
York Bridge Fishing Access	20.0%	.0%	.0%	.0%	20.0%	.0%	.0%
Big Horn River	.0%	.0%	.0%	33.3%	.0%	.0%	.0%
Hauser Lake	.0%	.0%	.0%	.0%	20.0%	.0%	.0%
Lake Side	.0%	.0%	7.7%	.0%	.0%	.0%	.0%
All others	.0%	25.0%	.0%	.0%	.0%	.0%	.0%
Cooney	20.0%	.0%	.0%	.0%	.0%	.0%	.0%
Craig	.0%	.0%	.0%	33.3%	.0%	.0%	.0%
Log Gulch	.0%	.0%	.0%	.0%	.0%	14.3%	.0%
Holter Lake Campground	20.0%	.0%	.0%	.0%	.0%	.0%	.0%
Swan Valley	.0%	.0%	.0%	.0%	.0%	14.3%	.0%
Seeley Lake	.0%	.0%	.0%	.0%	20.0%	.0%	.0%
Chinamen Gulch	.0%	.0%	7.7%	.0%	.0%	.0%	.0%
Kims Marina	.0%	.0%	.0%	.0%	.0%	14.3%	.0%
Silos	.0%	25.0%	.0%	.0%	.0%	.0%	.0%
N	5	4	13	3	5	7	2

Note: totals do not add to 100% due to multiple responses.

Table 8. Recreation Activity by Site

	survey site								
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam	
Site Activities									
sightseeing	36.4%	18.3%	31.1%	60.7%	61.6%	60.9%	54.2%	62.5%	
photography	14.0%	7.0%	14.8%	28.6%	26.1%	25.3%	33.3%	25.0%	
auto/RV camping	44.6%	1.4%	37.7%	41.1%	65.9%	55.2%	25.0%	6.3%	
tent camping	15.7%	.0%	4.9%	8.9%	20.3%	29.9%	25.0%	3.1%	
floating/ rafting	6.6%	4.2%	1.6%	35.7%	10.1%	9.2%	4.2%	3.1%	
walking	23.1%	7.0%	11.5%	41.1%	44.2%	27.6%	41.7%	59.4%	
day hiking	9.9%	.0%	4.9%	17.9%	5.8%	11.5%	16.7%	21.9%	
picnicking	34.7%	7.0%	36.1%	28.6%	38.4%	27.6%	41.7%	18.8%	
sunbathing	29.8%	4.2%	32.8%	12.5%	27.5%	25.3%	45.8%	6.3%	
horseback riding	.0%	.0%	.0%	.0%	.0%	.0%	4.2%	.0%	
shooting	.8%	.0%	3.3%	1.8%	.7%	1.1%	.0%	.0%	
swimming	35.5%	1.4%	39.3%	7.1%	38.4%	37.9%	58.3%	3.1%	
jetskiing	4.1%	.0%	13.1%	.0%	6.5%	4.6%	.0%	.0%	
powerboating	29.8%	.0%	50.8%	5.4%	46.4%	39.1%	25.0%	.0%	
nature study	3.3%	1.4%	.0%	5.4%	.0%	2.3%	.0%	9.4%	
tubing	22.3%	1.4%	34.4%	3.6%	16.7%	13.8%	20.8%	.0%	
canoeing/ kayaking	2.5%	2.8%	.0%	3.6%	.7%	3.4%	.0%	.0%	
viewing wildlife	29.8%	15.5%	24.6%	55.4%	40.6%	50.6%	54.2%	31.3%	
visit other historic sites	1.7%	.0%	.0%	.0%	8.7%	3.4%	4.2%	.0%	
biking	5.0%	1.4%	6.6%	1.8%	8.7%	4.6%	.0%	3.1%	
hunting	2.5%	.0%	.0%	.0%	.0%	2.3%	.0%	.0%	
boat angling	62.8%	7.0%	44.3%	35.7%	58.7%	69.0%	25.0%	.0%	
bank angling	24.0%	74.6%	8.2%	55.4%	15.9%	24.1%	54.2%	65.6%	
wade angling	5.0%	7.0%	1.6%	35.7%	5.8%	3.4%	8.3%	31.3%	
ATV/ motorcycling	1.7%	.0%	.0%	1.8%	1.4%	2.3%	.0%	.0%	
water skiing	20.7%	.0%	39.3%	1.8%	21.0%	21.8%	20.8%	.0%	
sailing/ sailboarding	1.7%	.0%	.0%	.0%	.7%	.0%	.0%	.0%	
visit Lewis and Clark sites	6.6%	.0%	.0%	8.9%	11.6%	5.7%	8.3%	3.1%	
other activities?	9.9%	16.9%	8.2%	7.1%	8.0%	5.7%	4.2%	12.5%	
N	121	79	61	58	141	88	24	34	

Note: totals do not add to 100% due to multiple responses.

Table 9. Levels of Overall Trip Satisfaction by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
This trip was better than any I can remember	-.70	-.62	-.23	-.25	-.24	-.41	-.13	-.63
This trip was better than any other to this area	-.38	-.41	-.14	.16	-.09	-.25	.25	-.40
This trip was so good I would take it again	.12	.17	.65	.81	.62	.54	.78	.70
Trip satisfaction index	-.33	-.30	.09	.24	.09	-.04	.30	-.11
N	121	79	61	58	141	88	24	34

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

Table 10. Importance of Site Characteristics by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Importance of site								
Conditions								
campsite/picnic area conditions	21.1%	10.3%	24.2%	18.4%	35.7%	33.3%	22.2%	4.0%
quality of Lewis and Clark interpretive/educational information	.0%	.0%	.0%	.0%	1.0%	.0%	.0%	.0%
quality of other interpretive/educational information	1.3%	.0%	.0%	.0%	1.0%	.0%	.0%	.0%
appropriateness of development	6.6%	5.1%	6.1%	7.9%	10.2%	3.7%	11.1%	16.0%
maintenance of facilities	36.8%	15.4%	12.1%	18.4%	38.8%	24.1%	11.1%	16.0%
cleanliness of area	43.4%	53.8%	54.5%	47.4%	50.0%	42.6%	38.9%	36.0%
amount of development	10.5%	7.7%	6.1%	2.6%	9.2%	1.9%	5.6%	12.0%
privacy of area	27.6%	15.4%	27.3%	26.3%	28.6%	33.3%	38.9%	28.0%
condition of natural features	10.5%	10.3%	6.1%	15.8%	8.2%	22.2%	16.7%	20.0%
residential development visible from the water	1.3%	5.1%	.0%	5.3%	2.0%	1.9%	5.6%	4.0%
historical information	2.6%	.0%	.0%	2.6%	1.0%	.0%	.0%	8.0%
behavior of other people	15.8%	17.9%	12.1%	15.8%	19.4%	24.1%	22.2%	12.0%
conflict with other users	2.6%	2.6%	15.2%	2.6%	9.2%	7.4%	11.1%	.0%
degree of naturalness	11.8%	10.3%	6.1%	13.2%	8.2%	14.8%	11.1%	24.0%
number of campsites								
within sight or sound	5.3%	7.7%	3.0%	10.5%	9.2%	14.8%	.0%	4.0%
seeing/hearing others	11.8%	5.1%	12.1%	7.9%	7.1%	14.8%	11.1%	12.0%
rules and restrictions	9.2%	12.8%	6.1%	13.2%	8.2%	16.7%	5.6%	4.0%
number of fish caught	22.4%	53.8%	9.1%	47.4%	17.3%	29.6%	11.1%	28.0%
opportunity to view wildlife	7.9%	12.8%	15.2%	18.4%	11.2%	11.1%	16.7%	8.0%
opportunity to hunt	2.6%	2.6%	.0%	7.9%	1.0%	1.9%	.0%	4.0%
N	121	79	61	58	141	88	24	34

Note: totals do not add to 100% due to multiple responses.

Table 11. Mean Satisfaction of Site Characteristics by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
campsite/picnic conditions	1.02	.01	.85	1.11	1.11	.95	.54	.41
quality of Lewis and Clark interpretive info	.19	-.12	.05	.19	.37	.16	.17	.28
quality of other interpretive/ educational materials	.30	-.13	.00	.12	.39	.29	.22	.38
appropriateness of development	.79	.10	.35	.57	.68	.74	.58	.63
maintenance of facilities	1.22	.63	1.03	1.27	1.01	1.16	.82	.94
cleanliness of area	1.33	.46	1.14	1.25	1.23	1.20	.63	.66
amount of development	.68	.11	.40	.49	.60	.78	.50	.39
privacy of area	.09	-.06	.22	.34	.35	.13	.21	.67
condition of natural features	.99	.43	.60	1.13	1.02	.98	.79	1.19
residential development visible from water	.51	.09	.20	.70	.43	.22	.22	.97
historical info	.11	-.12	-.07	.26	.43	.33	.13	.15
behavior of other people	.56	.54	.41	.53	.66	.34	.35	.52
conflict with other users	.29	.12	.05	.19	.48	.19	.13	.30
degree of naturalness	.75	.29	.39	.89	.81	.61	.75	.94
number of campsites within sight or sound	-.04	.07	.29	.33	.32	.02	.42	.34
seeing, hearing others	-.11	.10	.22	.00	.28	-.12	.17	.34
rules and restrictions	.38	.16	.48	.75	.49	.60	.38	.42

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

(continued)

Table 11. Mean Satisfaction of Site Characteristics by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
number of fish caught	-.18	.30	.02	.85	.08	.20	-.21	.33
opportunity to view wildlife	.68	.54	.57	1.35	1.07	1.06	.88	.79
opportunity to hunt	-.06	-.09	-.09	.00	.07	.11	.04	.16
N	121	79	61	58	141	88	24	34

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

Table 12. Additional Facilities and Services by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
N	121	79	61	58	141	88	24	34
No facilities needed	36.4%	44.3%	36.1%	25.9%	34.0%	31.8%	41.7%	20.6%
Facilities needed	63.6%	55.7%	63.9%	74.1%	66.0%	68.2%	58.3%	79.4%
Additional facilities/services needed.								
None	26.0%	36.4%	17.9%	25.6%	7.5%	18.3%	21.4%	59.3%
Showers	13.0%	.0%	5.1%	2.3%	22.6%	16.7%	7.1%	.0%
Additional campsites	10.4%	4.5%	2.6%	9.3%	12.9%	.0%	.0%	.0%
Dump station	.0%	.0%	2.6%	7.0%	14.0%	15.0%	.0%	.0%
Running water	3.9%	.0%	5.1%	9.3%	11.8%	3.3%	14.3%	.0%
Trash bins	1.3%	9.1%	5.1%	27.9%	.0%	3.3%	14.3%	3.7%
Electrical hook up	1.3%	.0%	5.1%	2.3%	12.9%	5.0%	.0%	3.7%
Restroom facilities	3.9%	13.6%	.0%	11.6%	4.3%	.0%	.0%	.0%
More trees	3.9%	.0%	2.6%	.0%	8.6%	1.7%	7.1%	.0%
More boat slips-dock spaces	1.3%	.0%	10.3%	.0%	5.4%	5.0%	.0%	.0%
Parking-more	5.2%	2.3%	10.3%	.0%	3.2%	1.7%	.0%	.0%
More fish	5.2%	2.3%	2.6%	4.7%	1.1%	1.7%	.0%	.0%
Another boat launch	1.3%	2.3%	10.3%	.0%	2.2%	3.3%	.0%	.0%
Better roads	2.6%	.0%	.0%	.0%	1.1%	8.3%	7.1%	.0%
Enforcement of rules	.0%	2.3%	.0%	4.7%	4.3%	3.3%	.0%	.0%
More room between campsites-more seclusion	5.2%	.0%	.0%	4.7%	.0%	3.3%	.0%	.0%
Fish cleaning station	5.2%	.0%	2.6%	.0%	2.2%	.0%	.0%	.0%
Shade	.0%	4.5%	2.6%	.0%	3.2%	1.7%	.0%	.0%
Water fountains	1.3%	2.3%	2.6%	2.3%	.0%	.0%	.0%	7.4%
Store	1.3%	2.3%	.0%	.0%	1.1%	3.3%	.0%	3.7%
Picnic tables	.0%	2.3%	.0%	2.3%	1.1%	1.7%	.0%	3.7%
Better Boat docking	1.3%	.0%	2.6%	.0%	2.2%	1.7%	.0%	.0%
Better boat launch	1.3%	.0%	7.7%	.0%	1.1%	.0%	.0%	.0%
No fees	2.6%	.0%	.0%	.0%	.0%	1.7%	7.1%	3.7%
Dumpster in parking lot	.0%	.0%	.0%	7.0%	.0%	1.7%	.0%	.0%
Public docks	.0%	.0%	2.6%	2.3%	1.1%	1.7%	.0%	.0%
Water access	.0%	.0%	.0%	2.3%	1.1%	.0%	.0%	7.4%
Play ground	.0%	.0%	.0%	.0%	3.2%	1.7%	.0%	.0%
Campfire pits	2.6%	.0%	.0%	.0%	2.2%	.0%	.0%	.0%
Dust control	1.3%	.0%	.0%	2.3%	.0%	3.3%	.0%	.0%
Manage at all times	1.3%	.0%	.0%	.0%	3.2%	.0%	.0%	.0%
More wheel chair-handicap access	1.3%	4.5%	.0%	.0%	.0%	1.7%	.0%	.0%
Sand beach	.0%	.0%	5.1%	.0%	.0%	3.3%	.0%	.0%

(continued)

Table 12. Additional Facilities and Services by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Clean area	.0%	2.3%	.0%	2.3%	1.1%	.0%	7.1%	.0%
Level camping spots	2.6%	.0%	.0%	.0%	.0%	3.3%	.0%	.0%
Gas-fuel	3.9%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
More boat trailer parking	1.3%	.0%	.0%	.0%	2.2%	.0%	.0%	.0%
Jet ski restriction	1.3%	.0%	2.6%	.0%	.0%	.0%	7.1%	.0%
Information boards	.0%	.0%	.0%	2.3%	.0%	3.3%	.0%	.0%
Weather shelter	.0%	2.3%	.0%	.0%	1.1%	.0%	.0%	.0%
Camping	.0%	2.3%	.0%	.0%	1.1%	.0%	.0%	.0%
Telephone	1.3%	.0%	.0%	.0%	.0%	1.7%	.0%	.0%
More bike trails	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	3.7%
Clean restrooms	1.3%	.0%	.0%	.0%	.0%	1.7%	.0%	.0%
Fewer facilities	.0%	.0%	5.1%	.0%	.0%	.0%	.0%	.0%
Better night fishing facilities	.0%	.0%	2.6%	.0%	.0%	.0%	.0%	3.7%
Camp Reservation System	1.3%	.0%	.0%	.0%	1.1%	.0%	.0%	.0%
Speed bumps	.0%	2.3%	2.6%	.0%	.0%	.0%	.0%	.0%
Wider bank area to fish from	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%
Pegs or posts to anchor boats	.0%	.0%	.0%	.0%	.0%	.0%	.0%	3.7%
Laundry	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Grass needs mowed	.0%	.0%	2.6%	.0%	.0%	.0%	.0%	.0%
Eatery	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Shooting area	.0%	2.3%	.0%	.0%	.0%	.0%	.0%	.0%
More grass parking	.0%	.0%	.0%	.0%	1.1%	.0%	.0%	.0%
Better facilities	.0%	2.3%	.0%	.0%	.0%	.0%	.0%	.0%
Better swimming area-reduction of boat traffic	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Keep kayakers out of white water area	.0%	.0%	.0%	.0%	.0%	.0%	.0%	3.7%
Bigger day use area	.0%	2.3%	.0%	.0%	.0%	.0%	.0%	.0%
Fines for unattended campers	.0%	.0%	.0%	.0%	1.1%	.0%	.0%	.0%
Expansion	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Free day camping	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%
Less trash	.0%	.0%	.0%	.0%	.0%	.0%	.0%	3.7%
Better water drains	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Picnic area outside resting area	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Clean picnic tables	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Clean river bottom	.0%	2.3%	.0%	.0%	.0%	.0%	.0%	.0%
Full hookups	.0%	.0%	.0%	.0%	1.1%	.0%	.0%	.0%
No game wardens	.0%	2.3%	.0%	.0%	.0%	.0%	.0%	.0%

(continued)

Table 12. Additional Facilities and Services by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Fire wood for sale	.0%	.0%	.0%	.0%	1.1%	.0%	.0%	.0%
Take big rocks out of swimming-boating area	.0%	.0%	.0%	.0%	1.1%	.0%	.0%	.0%
Fewer people	.0%	.0%	2.6%	.0%	.0%	.0%	.0%	.0%
Designated Jet Ski Area	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%
Campground host	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Regulation of dock use	.0%	.0%	.0%	.0%	.0%	1.7%	.0%	.0%
Horse shoe pits	.0%	.0%	2.6%	.0%	.0%	.0%	.0%	.0%
Pay phone	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Motorboat restriction	.0%	2.3%	.0%	.0%	.0%	.0%	.0%	.0%
Fishing pole holders	.0%	2.3%	.0%	.0%	.0%	.0%	.0%	.0%
Restriction on dogs	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
More game wardens	.0%	.0%	.0%	.0%	.0%	.0%	.0%	3.7%
Another exit out of campground	1.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Recycling bins	.0%	.0%	.0%	.0%	.0%	1.7%	.0%	.0%
Rope swing	.0%	.0%	2.6%	.0%	.0%	.0%	.0%	.0%

Table 13. Disabled Facility Needs by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
No disabled facilities needed	92.6%	78.5%	90.2%	86.2%	95.0%	90.9%	66.7%	97.1%
Disabled facilities needed	7.4%	21.5%	9.8%	13.8%	5.0%	9.1%	33.3%	2.9%
Specific additional accomodation								
More handicap access to water	50.0%	38.5%	.0%	60.0%	57.1%	33.3%	50.0%	.0%
Need handicap bathroom facilities	.0%	15.4%	66.7%	40.0%	.0%	.0%	25.0%	.0%
Need paved surfaces	.0%	23.1%	.0%	.0%	28.6%	16.7%	.0%	.0%
Need handicap parking Ramps-wider	.0%	7.7%	.0%	.0%	.0%	16.7%	25.0%	.0%
Handicap access to campground	16.7%	.0%	33.3%	.0%	.0%	.0%	25.0%	.0%
Make it safe for disabled	16.7%	.0%	.0%	.0%	.0%	33.3%	.0%	.0%
More handrails	.0%	.0%	33.3%	.0%	.0%	.0%	.0%	.0%
Electricity	.0%	.0%	.0%	.0%	14.3%	.0%	.0%	.0%
Fishing pole holders	.0%	7.7%	.0%	.0%	.0%	.0%	.0%	.0%
More room	16.7%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Clean up grass and weeds	.0%	7.7%	.0%	.0%	.0%	.0%	.0%	.0%
Better loading facilities	16.7%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
N	6	13	3	5	7	6	4	0

Note: totals do not add to 100% due to multiple responses.

Table 14. Number of Encounters and Their Evaluation by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Canoes seen today								
0	69.2%	77.8%	68.0%	52.0%	77.9%	78.9%	89.5%	82.1%
1 to 5	30.8%	19.0%	28.0%	32.0%	20.2%	18.4%	10.5%	17.9%
6 to 10	.0%	3.2%	2.0%	12.0%	1.9%	1.3%	.0%	.0%
11 to 20	.0%	.0%	.0%	.0%	.0%	1.3%	.0%	.0%
21 to 30	.0%	.0%	2.0%	.0%	.0%	.0%	.0%	.0%
31+	.0%	.0%	.0%	4.0%	.0%	.0%	.0%	.0%
Rate canoe encounters								
Enjoyed seeing	19.4%	26.3%	15.0%	26.9%	38.7%	27.8%	12.5%	28.6%
Didnt mind seeing	80.6%	73.7%	80.0%	73.1%	61.3%	66.7%	87.5%	71.4%
Disliked seeing	.0%	.0%	5.0%	.0%	.0%	5.6%	.0%	.0%
Powerboats seen today								
0	13.5%	52.4%	7.7%	30.0%	17.6%	15.4%	4.8%	56.7%
1 to 5	24.0%	30.2%	23.1%	48.0%	15.7%	19.2%	38.1%	36.7%
6 to 10	22.9%	11.1%	11.5%	10.0%	16.7%	17.9%	28.6%	6.7%
11 to 20	18.8%	3.2%	28.8%	6.0%	18.5%	23.1%	14.3%	.0%
21 to 30	6.3%	1.6%	17.3%	2.0%	13.0%	9.0%	.0%	.0%
31+	14.6%	1.6%	11.5%	4.0%	18.5%	15.4%	14.3%	.0%
Rate powerboats encounters								
Enjoyed seeing	13.3%	6.9%	14.3%	15.8%	23.8%	7.0%	5.6%	20.0%
Didnt mind seeing	68.7%	69.0%	81.0%	42.1%	67.9%	73.7%	77.8%	60.0%
Disliked seeing	18.1%	24.1%	4.8%	42.1%	8.3%	19.3%	16.7%	20.0%
Waterskiers seen today								
0	36.2%	75.0%	30.2%	91.7%	41.5%	51.3%	40.0%	92.6%
1 to 5	35.1%	13.3%	24.5%	2.1%	25.5%	26.3%	40.0%	7.4%
6 to 10	13.8%	3.3%	9.4%	2.1%	18.9%	13.2%	15.0%	.0%
11 to 20	4.3%	5.0%	17.0%	.0%	5.7%	6.6%	5.0%	.0%
21 to 30	4.3%	.0%	15.1%	.0%	2.8%	.0%	.0%	.0%
31+	6.4%	3.3%	3.8%	4.2%	5.7%	2.6%	.0%	.0%
Rate waterskiers encounters								
Enjoyed seeing	12.1%	15.0%	22.2%	36.4%	19.7%	13.9%	14.3%	33.3%
Didnt mind seeing	68.2%	55.0%	75.0%	54.5%	75.4%	75.0%	85.7%	33.3%
Disliked seeing	19.7%	30.0%	2.8%	9.1%	4.9%	11.1%	.0%	33.3%
Jetskis seen today								
0	29.0%	77.0%	27.8%	92.0%	32.4%	40.5%	33.3%	92.9%
1 to 5	47.3%	16.4%	27.8%	2.0%	26.1%	30.4%	33.3%	7.1%
6 to 10	11.8%	4.9%	20.4%	.0%	26.1%	16.5%	23.8%	.0%

(continued)

Table 14. Number of Encounters and Their Evaluation by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
11 to 20	7.5%	.0%	9.3%	4.0%	6.3%	6.3%	.0%	.0%
21 to 30	2.2%	.0%	9.3%	.0%	1.8%	1.3%	9.5%	.0%
31+	2.2%	1.6%	5.6%	2.0%	7.2%	5.1%	.0%	.0%
Rate jetskiers encounters								
Enjoyed seeing	11.0%	17.6%	22.9%	40.0%	6.8%	8.7%	.0%	42.9%
Didnt mind seeing	54.8%	52.9%	37.1%	50.0%	42.5%	37.0%	57.1%	14.3%
Disliked seeing	34.2%	29.4%	40.0%	10.0%	50.7%	54.3%	42.9%	42.9%
Bank anglers seen today								
0	41.3%	6.3%	32.0%	3.8%	42.6%	32.0%	15.0%	31.3%
1 to 5	42.4%	17.5%	48.0%	30.8%	32.4%	37.3%	45.0%	43.8%
6 to 10	8.7%	39.7%	18.0%	25.0%	17.6%	20.0%	15.0%	21.9%
11 to 20	4.3%	25.4%	2.0%	23.1%	2.8%	6.7%	15.0%	.0%
21 to 30	.0%	3.2%	.0%	7.7%	1.9%	1.3%	5.0%	.0%
31+	3.3%	7.9%	.0%	9.6%	2.8%	2.7%	5.0%	3.1%
Rate bank anglers encounters								
Enjoyed seeing	16.7%	28.9%	23.3%	34.1%	33.3%	29.8%	22.2%	19.0%
Didnt mind seeing	81.7%	66.7%	76.7%	61.4%	66.7%	70.2%	61.1%	71.4%
Disliked seeing	1.7%	4.4%	.0%	4.5%	.0%	.0%	16.7%	9.5%
Wade anglers seen today								
0	85.7%	75.0%	91.7%	20.0%	78.5%	74.0%	73.7%	56.7%
1 to 5	9.9%	20.0%	6.3%	26.0%	9.3%	19.2%	10.5%	40.0%
6 to 10	1.1%	3.3%	.0%	22.0%	6.5%	2.7%	10.5%	3.3%
11 to 20	2.2%	.0%	2.1%	20.0%	2.8%	2.7%	5.3%	.0%
21 to 30	.0%	.0%	.0%	2.0%	.0%	.0%	.0%	.0%
31+	1.1%	1.7%	.0%	10.0%	2.8%	1.4%	.0%	.0%
Rate wade anglers encounters								
Enjoyed seeing	33.3%	23.8%	27.3%	25.0%	34.3%	22.7%	33.3%	13.3%
Didnt mind seeing	66.7%	71.4%	72.7%	69.4%	62.9%	77.3%	66.7%	73.3%
Disliked seeing	.0%	4.8%	.0%	5.6%	2.9%	.0%	.0%	13.3%
Boat anglers seen today								
0	11.3%	51.6%	19.6%	11.8%	22.0%	13.8%	5.0%	75.0%
1 to 5	25.8%	35.5%	29.4%	23.5%	14.7%	16.3%	40.0%	21.4%
6 to 10	22.7%	8.1%	33.3%	27.5%	25.7%	27.5%	25.0%	3.6%
11 to 20	18.6%	3.2%	11.8%	13.7%	14.7%	26.3%	20.0%	.0%
21 to 30	9.3%	1.6%	3.9%	5.9%	8.3%	8.8%	5.0%	.0%
31+	12.4%	.0%	2.0%	17.6%	14.7%	7.5%	5.0%	.0%

(continued)

Table 14. Number of Encounters and Their Evaluation by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Rate boat anglers encounters								
Enjoyed seeing	16.0%	15.4%	13.9%	17.9%	29.5%	17.2%	17.6%	22.2%
Didnt mind seeing	80.2%	80.8%	80.6%	69.2%	66.7%	82.8%	82.4%	66.7%
Disliked seeing	3.7%	3.8%	5.6%	12.8%	3.8%	.0%	.0%	11.1%
River floaters seen today								
0	89.9%	91.8%	90.0%	32.7%	88.2%	84.7%	68.4%	85.2%
1 to 5	7.9%	4.9%	8.0%	16.3%	5.9%	6.9%	21.1%	7.4%
6 to 10	.0%	3.3%	.0%	16.3%	3.9%	5.6%	5.3%	7.4%
11 to 20	.0%	.0%	2.0%	10.2%	.0%	.0%	.0%	.0%
21 to 30	1.1%	.0%	.0%	8.2%	1.0%	2.8%	5.3%	.0%
31+	1.1%	.0%	.0%	16.3%	1.0%	.0%	.0%	.0%
Rate river floater encounters								
Enjoyed seeing	19.0%	41.7%	16.7%	25.8%	29.6%	12.5%	37.5%	50.0%
Didnt mind seeing	81.0%	50.0%	83.3%	58.1%	66.7%	87.5%	62.5%	33.3%
Disliked seeing	.0%	8.3%	.0%	16.1%	3.7%	.0%	.0%	16.7%
Livestock seen today								
0	86.7%	94.9%	80.0%	54.0%	73.1%	76.7%	65.0%	96.3%
1 to 5	6.7%	1.7%	10.0%	26.0%	12.5%	11.0%	15.0%	3.7%
6 to 10	2.2%	.0%	8.0%	6.0%	3.8%	4.1%	5.0%	.0%
11 to 20	2.2%	1.7%	.0%	4.0%	6.7%	4.1%	15.0%	.0%
21 to 30	1.1%	.0%	.0%	.0%	1.9%	2.7%	.0%	.0%
31+	1.1%	1.7%	2.0%	10.0%	1.9%	1.4%	.0%	.0%
Rate livestock encounters								
Enjoyed seeing	20.0%	54.5%	35.7%	44.0%	21.1%	36.4%	45.5%	60.0%
Didnt mind seeing	68.0%	36.4%	57.1%	48.0%	71.1%	59.1%	54.5%	20.0%
Disliked seeing	12.0%	9.1%	7.1%	8.0%	7.9%	4.5%	.0%	20.0%
Shoreline development seen today								
0	53.9%	68.3%	36.0%	71.7%	49.5%	51.4%	40.0%	82.1%
1 to 5	27.0%	13.3%	18.0%	15.2%	23.2%	22.2%	30.0%	17.9%
6 to 10	10.1%	8.3%	18.0%	2.2%	6.1%	8.3%	20.0%	.0%
11 to 20	7.9%	3.3%	6.0%	2.2%	6.1%	4.2%	.0%	.0%
21 to 30	1.1%	1.7%	10.0%	.0%	4.0%	4.2%	10.0%	.0%
31+	.0%	5.0%	12.0%	8.7%	11.1%	9.7%	.0%	.0%

(continued)

Table 14. Number of Encounters and Their Evaluation by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Rate shoreline development encounters								
Enjoyed seeing	12.2%	13.6%	19.4%	22.2%	13.5%	15.8%	18.2%	25.0%
Didnt mind seeing	65.3%	40.9%	58.1%	61.1%	65.4%	71.1%	45.5%	25.0%
Disliked seeing	22.4%	45.5%	22.6%	16.7%	21.2%	13.2%	36.4%	50.0%
Hunters seen today								
0	100.0%	96.7%	97.9%	95.8%	98.0%	95.5%	90.0%	100.0%
1 to 5	.0%	.0%	2.1%	.0%	2.0%	3.0%	.0%	.0%
6 to 10	.0%	.0%	.0%	.0%	.0%	1.5%	5.0%	.0%
11 to 20	.0%	1.6%	.0%	.0%	.0%	.0%	5.0%	.0%
31+	.0%	1.6%	.0%	4.2%	.0%	.0%	.0%	.0%
Rate hunting encounters								
Enjoyed seeing	8.3%	44.4%	37.5%	55.6%	26.7%	42.9%	50.0%	50.0%
Didnt mind seeing	91.7%	55.6%	50.0%	44.4%	73.3%	57.1%	50.0%	25.0%
Disliked seeing	.0%	.0%	12.5%	.0%	.0%	.0%	.0%	25.0%
N	121	79	61	58	141	88	24	34

Table 15. Perceptions of Crowding by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
How crowded did you feel during this visit?								
not at all crowded	33.6%	31.5%	43.3%	20.0%	33.1%	27.1%	21.7%	34.4%
2	8.4%	6.8%	10.0%	12.7%	9.0%	16.5%	8.7%	21.9%
slightly crowded	8.4%	27.4%	13.3%	25.5%	15.8%	11.8%	30.4%	21.9%
4	8.4%	6.8%	10.0%	3.6%	6.8%	8.2%	13.0%	9.4%
5	8.4%	6.8%	3.3%	5.5%	4.5%	4.7%	8.7%	6.3%
moderately crowded	8.4%	5.5%	8.3%	9.1%	8.3%	10.6%	8.7%	3.1%
7	11.8%	9.6%	6.7%	14.5%	6.0%	9.4%	8.7%	3.1%
8	5.9%	1.4%	.0%	5.5%	6.0%	8.2%	.0%	.0%
extremely crowded	6.7%	4.1%	5.0%	3.6%	10.5%	3.5%	.0%	.0%
Mean	3.92	3.37	3.02	3.96	3.83	3.79	3.39	2.53
N	121	79	61	58	141	88	24	34

Table 16. Where crowding occurred by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Where did you feel crowded?								
In campsite	61.4%	4.2%	29.4%	29.2%	48.2%	44.1%	50.0%	22.2%
On boat dock	4.5%	.0%	5.9%	.0%	17.9%	26.5%	.0%	.0%
On boat ramp	4.5%	.0%	35.3%	4.2%	10.7%	11.8%	8.3%	.0%
On causeway	2.3%	50.0%	.0%	.0%	.0%	.0%	.0%	11.1%
Parking area	6.8%	4.2%	11.8%	.0%	10.7%	2.9%	.0%	.0%
On the bank or shoreline	2.3%	25.0%	.0%	4.2%	.0%	.0%	16.7%	.0%
On water	4.5%	.0%	.0%	.0%	5.4%	5.9%	.0%	.0%
On the lake	4.5%	.0%	5.9%	4.2%	1.8%	2.9%	8.3%	.0%
Black Sandy SRA	4.5%	.0%	11.8%	.0%	.0%	2.9%	.0%	11.1%
Weekend crowding at								
Holter dam campground	.0%	.0%	.0%	4.2%	5.4%	.0%	.0%	11.1%
On the river	.0%	4.2%	.0%	12.5%	1.8%	.0%	.0%	.0%
Bathroom	2.3%	4.2%	.0%	4.2%	3.6%	.0%	.0%	.0%
Holter Dam Campground	.0%	.0%	.0%	12.5%	1.8%	.0%	.0%	.0%
Holter Lake Campground	.0%	.0%	.0%	.0%	5.4%	2.9%	.0%	.0%
Log Gulch Campground	.0%	.0%	.0%	.0%	.0%	11.8%	.0%	.0%
In fishing areas	.0%	4.2%	.0%	.0%	.0%	.0%	8.3%	11.1%
Picnic area'	4.5%	.0%	.0%	.0%	.0%	.0%	8.3%	.0%
Holter Dam	2.3%	.0%	.0%	8.3%	.0%	.0%	.0%	.0%
On shore	.0%	.0%	.0%	.0%	1.8%	.0%	8.3%	.0%
Parking at side of road	.0%	8.3%	.0%	.0%	.0%	.0%	.0%	.0%
All over	2.3%	.0%	.0%	.0%	1.8%	.0%	.0%	.0%
Holter Lake	.0%	.0%	.0%	.0%	1.8%	2.9%	.0%	.0%
On Missouri River between Wolf Creek and Craig	.0%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
At the dam	.0%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
Around the bridge	.0%	4.2%	.0%	.0%	.0%	.0%	.0%	.0%
In the park	.0%	.0%	.0%	.0%	1.8%	.0%	.0%	.0%
Swimming area	2.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%

Note: totals do not add to 100% due to multiple responses.

(continued)

Table 16. Where crowding occurred by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Day use area	.0%	.0%	.0%	.0%	.0%	.0%	8.3%	.0%
Below dam	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%
Boat launch area	.0%	.0%	.0%	.0%	.0%	2.9%	.0%	.0%
Between Wolf Creek and Cascade	.0%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
On the east bank of the Missouri below Hauser Dam	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%
By Pavilion	.0%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
In town	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%
Close to fishing boats	2.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Below Holter Dam west side	.0%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
Black Beach	.0%	4.2%	.0%	.0%	.0%	.0%	.0%	.0%
Wolf Creek Bridge	.0%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
Boat trailer parking lot	2.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Craig	.0%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
Helena	.0%	.0%	5.9%	.0%	.0%	.0%	.0%	.0%
Hauser Lake	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%
Hauser Dam	.0%	.0%	.0%	.0%	.0%	.0%	.0%	11.1%
N	44	24	17	24	56	34	12	9

Note: totals do not add to 100% due to multiple responses.

Table 17. Reasons No Longer Visit Sites by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Are there any sites in this area you no longer visit?								
yes	12.3%	18.9%	20.3%	9.4%	20.9%	15.5%	4.3%	25.8%
no	87.7%	81.1%	79.7%	90.6%	79.1%	84.5%	95.7%	74.2%
Reasons no longer visit sites								
because of fees	27.3%	69.2%	50.0%	66.7%	32.0%	16.7%	100.0%	71.4%
because of crowding	54.5%	69.2%	60.0%	66.7%	40.0%	41.7%	100.0%	71.4%
conflicts with other users	18.2%	23.1%	10.0%	33.3%	16.0%	8.3%	100.0%	42.9%
overuse	27.3%	38.5%	30.0%	66.7%	24.0%	41.7%	100.0%	42.9%
resource degradation	9.1%	15.4%	10.0%	.0%	24.0%	8.3%	100.0%	14.3%
other reason	27.3%	23.1%	30.0%	66.7%	72.0%	58.3%	100.0%	.0%
specific other reason								
conflict with other users	.0%	.0%	.0%	.0%	.0%	.0%	100.0%	.0%
Closed/no access	.0%	.0%	.0%	50.0%	.0%	.0%	.0%	.0%
Traffic	.0%	.0%	33.3%	.0%	5.6%	.0%	.0%	.0%
Privatized	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%
Not very good campground	.0%	.0%	.0%	.0%	11.1%	.0%	.0%	.0%
Too steep to climb	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
Inadequate facilities	33.3%	.0%	.0%	.0%	11.1%	.0%	.0%	.0%
Noise; lack of quiet	.0%	.0%	.0%	50.0%	5.6%	.0%	.0%	.0%
Wrong species of fish	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
Too much water released	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
Didnt like caretaker/poor management	.0%	33.3%	.0%	.0%	5.6%	.0%	.0%	.0%
Road conditions	33.3%	.0%	.0%	.0%	16.7%	.0%	.0%	.0%
Water smells	.0%	.0%	33.3%	.0%	.0%	.0%	.0%	.0%
No camping	33.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Wind	.0%	.0%	33.3%	.0%	.0%	.0%	.0%	.0%
Insects	.0%	33.3%	.0%	.0%	.0%	.0%	.0%	.0%
Too far from water	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
Bad fishing	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%
Choppy water	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%
Caretaker a jerk	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
Park lake	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
Traffic/bad road	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%
No water	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%
Low water	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%
Road too dusty/dusty	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%

(continued)

Table 17. Reasons No Longer Visit Sites by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Camp setup	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%
Not handicap accessible	.0%	33.3%	.0%	.0%	.0%	.0%	.0%	.0%
Use limits	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
N	121	79	61	58	141	88	24	34

Table 18. Recreation Sites No Longer Visited by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Sites no longer visited								
Black Sandy SRA	20.0%	69.2%	45.5%	.0%	4.2%	22.2%	.0%	57.1%
Log Gulch Campground	.0%	.0%	.0%	.0%	41.7%	.0%	.0%	.0%
Canyon Ferry	.0%	.0%	36.4%	.0%	4.2%	11.1%	.0%	.0%
Hauser Dam	.0%	7.7%	.0%	.0%	8.3%	22.2%	.0%	.0%
Holter Lake	.0%	.0%	9.1%	.0%	.0%	11.1%	100.0%	14.3%
Holter Lake Campground	.0%	.0%	.0%	.0%	8.3%	.0%	.0%	.0%
Lakeside Resort	10.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%
Gates Of The Mountains Inc	10.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%
Giant Springs Heritage State Park	.0%	.0%	.0%	25.0%	4.2%	.0%	.0%	.0%
Missouri River Craig	.0%	.0%	.0%	.0%	.0%	11.1%	.0%	14.3%
York campground	10.0%	.0%	.0%	25.0%	.0%	.0%	.0%	.0%
Hellgate	10.0%	7.7%	.0%	.0%	.0%	.0%	.0%	.0%
Holter Dam	10.0%	7.7%	.0%	.0%	.0%	.0%	.0%	.0%
Causeway Fishing Access	10.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Holter Dam Campground	.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%
Yellowstone Park	.0%	.0%	.0%	25.0%	.0%	.0%	.0%	.0%
Hauser Lake	.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%
Spring Meadow	.0%	.0%	.0%	.0%	.0%	.0%	.0%	14.3%
Silos	.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%
Kims Marina	10.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Lewis and Clark Caverns	.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%
Frenchtown Pond	10.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Beartooth	.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%
Beam Lake	.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%
Lake Francis	.0%	.0%	.0%	.0%	.0%	11.1%	.0%	.0%
Moose Creek	.0%	7.7%	.0%	.0%	.0%	.0%	.0%	.0%
Park Lake	10.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Wolf Creek	.0%	.0%	.0%	.0%	.0%	11.1%	.0%	.0%
Glacier National Park	.0%	.0%	.0%	25.0%	.0%	.0%	.0%	.0%
Crooked Falls Overlook	.0%	.0%	.0%	25.0%	.0%	.0%	.0%	.0%
Riverside	.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%
Chinamen Gulch	.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%
Jo Bonner	.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%
White Earth	10.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
N	10	13	11	4	24	9	1	7

Note: totals do not add to 100% due to multiple responses.

Table 19. Behavioral Response to Displacement by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
If this site were closed, how would it affect trip plans?								
I would choose another site in this area	40.7%	34.3%	64.8%	59.3%	23.7%	36.9%	34.8%	40.0%
I would choose another site somewhere else	36.3%	27.1%	16.7%	25.9%	38.2%	32.1%	34.8%	26.7%
I would visit at some other time	10.6%	20.0%	11.1%	11.1%	23.7%	20.2%	26.1%	23.3%
I would stay home	6.2%	10.0%	5.6%	1.9%	10.7%	9.5%	4.3%	6.7%
I would do some other activity	6.2%	8.6%	1.9%	1.9%	3.8%	1.2%	.0%	3.3%
N	121	79	61	58	141	88	24	34

Table 20. Average Measures of Attachment to Place by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
A lot of my life is organized around this place	-.59	-.30	-.22	-.38	-.39	-.41	-.29	.13
This place is the best for what I like to do	.35	.38	.89	.66	.69	.64	.54	.78
I feel no commitment to this place	.01	-.25	-.47	-.16	-.09	-.17	.14	-.70
The time I spend here could just as easily be spent somewhere else	.40	.48	.11	-.13	.04	.10	.29	-.19
I am very attached to this place	.10	.10	.29	.41	.33	.46	-.04	.69
I identify strongly with this place	.00	.02	.22	.35	.30	.34	-.08	.59
This place makes me feel like no other place can	-.31	-.48	-.23	-.11	.01	-.17	-.25	.23
Doing what I do here is more important than doing it any other place	-.32	-.33	-.25	-.20	-.04	-.14	-.13	.06
N	121	79	61	58	141	88	24	34

-2=Strongly disagree 0=Neutral/no opinion 2=Strongly agree

Table 21. Group Trip Expenditures by Site

	survey site							
	Black Sandy SRA	Causeway Fishing Access	York Bridge Fishing Access	Holter Dam Campground	Holter Lake Campground	Log Gulch Campground	Departure Point Day Campground	Hauser Dam
Motel/hotel/BB	12.95	8.90	5.57	6.50	8.35	1.09	.00	3.24
Campground/RV parks	16.64	.71	10.49	21.83	17.99	12.88	11.50	14.91
Guides/outfitters	7.85	6.33	.82	5.34	.87	.48	.71	.00
Licenses and entrance fees	8.07	8.41	8.33	25.52	10.62	7.05	5.46	9.29
Auto/RV rental/repair	3.72	.00	.66	29.07	6.27	1.55	.00	.00
Transportation expenses	.83	1.33	13.13	10.64	.00	1.25	.00	.00
Gasoline/oil	40.62	12.96	34.61	58.22	42.44	33.92	32.54	17.56
Restaurant/bar	19.44	3.29	6.15	35.67	16.77	7.35	12.17	16.06
Groceries/snacks	40.93	8.71	39.05	72.24	53.43	35.73	63.96	20.71
Retail goods	16.83	9.72	6.30	53.34	20.95	7.43	15.21	46.21
Other expenses	.62	.46	.00	.05	7.82	.59	22.50	.79
Total expenditures	169.53	60.81	122.22	318.43	183.41	109.31	164.04	128.76
N	121	79	61	58	141	88	24	34

Appendix D - Visitor Comments by Site

This appendix contains visitor's open-ended responses to two statements placed at the end of the 1999 questionnaire:

28a. Please use the space below for additional comments you have regarding the management of this site.

28b. Please use the space below for additional comments you have regarding your satisfaction with this site.

Verbatim comments are organized by recreation site, and the sites are presented in alphabetical order. Management comments for every site are presented first, followed by satisfaction comments for every site. In addition to compiling full-length comments, all visitor's responses were coded to facilitate quantitative analysis. Coded comments are presented in tables 1 and 2 in Appendix E.

Site	Comments regarding satisfaction with this site
------	--

Cave Bay

Enjoy scenery, accessibility to the site, cleanliness.

I just stopped to enjoy view and watch the sailboats.

The area is beautiful. The campground is overcrowded and noisy - but it is July 4th weekend.

This site (we call it "the point") is perfect- thank you for keeping it open and clean. Land sites that are being purchased out-of-state people (Canyon Ferry crossing) concern me. We see no wildlife anymore and our access is limited. Can't you help save our land?

Chinamen Gulch

My family has lived in the Helena area for many years. I return to Helena for recreational and family reasons very often and enjoy the beauty and rec. opportunities that I grew up with. However, the population is growing thus limiting my opportunities and privacy that I accustomed to.

Very satisfied

Enjoy lake. Wife recommends day use fees.

Our only real dissatisfaction with this campground was the proximity of the campsites to the primary ingress/egress road of the campground. Too close; reduces privacy, additional noise and lots of dust! Otherwise, we enjoyed our camping here.

Overall, this trip was great. We had no problems with anything. We will be returning.

Excellent wildlife viewing.

I like shade and campground.

Site	Comments regarding satisfaction with this site
------	--

I will only use this site in late summer and fall due to crowdedness. This is an excellent site for sailing.

Good swimming

We have been coming here for 35 years and really enjoy being here.

Enjoyed ease of getting to the fishing and camping sites.

Nice friendly caretaker.

Great place. No flies. Private, yet close to water.

Shaded.

This campsite is always clean and well taken care of. I live in Townsend, I pass many campsites to get here and I always come back here.

I feel that the Booies around the swimming area were the greatest idea, but I feel we should try to add and strengthen this area even more.

Site is always clean and well kept.

Very clean and nice to relax at.

Satisfied.

I felt satisfied with the cleanliness of the picnic area and the beach. It's one of the cleaner lakes I have been to.

Sweet.

In good, clean condition.

Always have been very satisfied - the reason we keep coming back.

Site	Comments regarding satisfaction with this site
-------------	---

Confederate

I'm 100% pleased with this campspot.

Like the area because of the of too many people and water and jet skiers.

I am satisfied with the site and was glad to see the improved road conditions and toilet that was put in here.

Besides the boats, this site is absolutely wonderful.

We like to come here because it is free, and we feel free when we come here. Most of the time we are alone, no one camps right on top of you. We are on a fixed income so can not afford to camp at the other sites often, they charge too much. I think you would make as much money if not more if you charged less, because more people would use the sites and could stay longer. I know we would.

I really enjoyed this site. Please DO NOT make it a pay campground because it will be overcrowded by OUT OF STATE PEOPLE!!!

As long as you have the bathrooms at this site we are satisfied. We are left alone and nobody bothers us! Confederate is also the only place a person disabled and way under \$10,000 a yr. Can go and afford to have a good time.

The privacy of it!

Quiet.

Love it just the way it is. Don't change it.

Fine by me.

Been coming here all my life.

Site	Comments regarding satisfaction with this site
-------------	---

Cottonwood

I am very satisfied with this site and will continue using it as time and finances permit.

Court Sheriff

Lots of shade, birds, and peaceful sounds. I would have liked to see more deer.

Enjoyed our site.

Site is ok.

I like it.

Campground - Very satisfied.
Access to lake and beach - good
Other campers - no problems with noise or behavior
Campground sites - clean and maintained.

Very pleased.

Satisfied.

Am really satisfied but camp hosts need teaching about common sense.

Site was very well maintained.

It is ver peaceful and quiet hear and we plan to come again next year. We are real satisfied with this campground.

This site is nice. First time here and am quite pleased. More camping facilities throughout the state please.

Very satisfied.

Site	Comments regarding satisfaction with this site
-------------	---

Sites are well kept--clean, no broken things. We saw more wildlife this trip than on most--osprey diving for food, pelicans, a doe, a buck & doe, another doe, mule deer, geese flock that visits shore twice daily--great stuff!

We are very satisfied.

We can keep our boat in the water next to our camper at this site. A very big plus.

I would like to see garbage cans at the campsites or at least near them.

Disagree with the shut down of adjacent campground, causing heavier traffic through other campsites. Need to schedule shutdowns during slow months.

Quiet, private, close to water and away from developed areas.

This site is nice.

So far we are very happy.

OK

Beautiful weather and view. Quiet time of the year. Restrooms very clean.

I miss the type of camping that used to be--there are so many people with huge RVs that seem to take over the sites--they aren't even there during the day. It really isn't camping.

Fish Hawk

I like the natural, undeveloped setting.

We like the privacy available at this undeveloped site.

Very satisfied.

Site	Comments regarding satisfaction with this site
-------------	---

It's fine.

The ability to bring pets to a site is very important to me.

It's an OK place.

Is great when not crowded.

Goose Bay

We didn't stay. Not a good place for the boat. We like White Earth campground better.

No fee site. satisfied with site as is, Roads nicely maintained.

I'm totally satisfied with this site. I think they should offer a yearly sticker to Montanans as they did years ago. I feel the fees are high for families who camp here all/most every weekend. We would camp in fee areas if they had a yearly fee.

Very satisfied with the site.

My family have boated in California, Missouri, Oregon, and others, and never have seen such unsafe and discourteous boaters than in Montana. I don't think any of them have had any safety training or read the regulations. Someday something bad is going to happen here.

If you pay, people are LESS likely to take care of the place because they figure they are paying someone to do it!

Poor maintenance of facility--needs to be fixed up (docks, stairs repaired). Could be a very nice site facility. Lake is full of carp & too many birds eating fish. Would like to see more trout & bigger ones (stock the lake).

Like this site.

Site	Comments regarding satisfaction with this site
-------------	---

I like Goose Bay because it is quiet and in a beautiful part of the lake that fish like too and jet skis don't.

Natural, undisturbed.

At south end of Canyon Ferry Lake, would like to see more development & access for people of Broadwater County.

Totally satisfied w/ accomodations.

No unnecessary restrictions are in place.
Overall, the tenants of the camp are polite & friendly.
Fishing and boating are good.
Enough room on the lake for all uses.

I have been coming here since I can remember, and love how NOTHING has changed and we come and bring my children & their children always!

Nice site.

Needs another marina on south end of lake. Need to be able to get fuel/better boat ramps & docks.

Hellgate

It's been nice and clean and level for the RV, not so level for the tents. We have enjoyed our stay and will come back again.

We would like to see more trees for shade, designated swim areas at each loop on the water--or limits on how close skiers and jetskis can come to campground shores.

Very satisfied with site but would enjoy it with addition of full hook-up facilities and more fish.

I like this site because it is convenient to meet relatives from three forks and it is a nice campground.

These sites are all nice and easy lake access.

Site	Comments regarding satisfaction with this site
------	--

The site is always well kept, not a lot of garbage.

I do like this area. This was a halfway, camping place for my sister & myself.

Mainly happy with the site itself. Should let nature take care of it.

Campsites are arranged very well to minimize feeling of overcrowdedness.

Great facilities.
Great outhouses--clean.

Enforcement of regulations. Help to the camp tender.
Signs.
Some feasible sites would be desirable & we'd be very interested.

Nice area but very crowded on holiday weekends.
Maybe more new campgrounds to relieve overcrowding.

It's a good place to come and relax.

Jet Skis have there place, but should be relegated to specific areas so others could swim in the lake.

Very good.

Well kept, beautiful site. Noticed most people don't obey the 15 mph speed limit. Also, most jet skis are not observing the no wake areas.

I hope to return to this group use area of this campground each year.

Nice.

Site	Comments regarding satisfaction with this site
-------------	---

It's a dissapointment not to be able to take a vehicle close to anything (campsite, fishing, etc.) but that seems to be the case everywhere these days. We just don't do some things because we don't want to lug our gear all over by hand.

I am quite satisfied. I appreciate management allowing us to use the Hellgate South group site.

Of my 3 trips here this is the first time we got a nice site on lake--before we were up in the grass at end of road. We came here because 7 of us were meeting here & we thought this was the only spot that would have an opening.

Walleye fishing in Canyon Ferry is going to bring about more nighttime fishing. Lighting (or better lighting) needs to be considered around certain (not all) docking areas: Hellgate, Court Sherriff, White Earth, Silos.

We have used this site for the last 15 years and have really enjoyed it. Having a camp host that keeps the campground under control is a real plus. The remoteness and natural feel of the area is what attracts us to this area. We tent camp so having the nice mowed areas makes the stay enjoyable. Let's keep this campground like it is and not spoil the natural beauty.

We would like sites available for all season.
We come to this site every weekend.
Money collected here should remain here.

Indian Road

A little paint and repairs in restrooms. Overall OK. More trash cans needed.

Picnic tables need to be painted and would like to see trash cans around site.

I am satisfied.

Site	Comments regarding satisfaction with this site
------	--

I've always liked this site, I find the place to be soothing during difficult times and do not want to see this become a "pay-to-use" site! We are already paying through taxes.

Facilities are clean, grounds are clean,nice view of mountains. Convenient location to get to, lots of tables. If water was brought in from Townsend it would be perfect.

Walkway around pond & bridge makes it a pleasant park.

Very pleased with what they've done in the amount of time to complete.

This is satisfactory for a nice family barbeque.

The kids and I love coming out here.

Jo Bonner

Needs additional vegetation to separate site from road dust. Needs fencing and signing to protect Magpie stream in May-June.

We always enjoy coming here. It's quiet and the rules are enforced

Although there are many people in the campground it still feels as though you are in the wild. There are many ospreys, geese with babies, pelicans, fish eating ducks, deer and other birds to watch. The fishing has been very good. We've caught a lot of rainbow trout weighing 1-2 and even up to three pounds. Boating is great here with lots of places to go. Fees at \$8 a night can be spendy if you stay a while, but it's worth it overall. Robins & chickadees almost eat out of your hand.

Very happy with everything.

Would leave RV here all summer if it was allowed!

Site	Comments regarding satisfaction with this site
------	--

A waverunner hit my boat, disabling it. A teen T-boned my boat in the side. She said she did not see me. The important thing is everyone appears to be OK but she endangered my family. I notified (Paul) and Fish & Gam eand talked to her & #314. (Name)

Extremely satisfied. Have stayed 5 different weeks this year and will return next year including "off season"

Nice site. Would come again.

Clean, no garbage, well kept. Friendly host. Too many people in campground.

Sure would like that shelter put up this year!

This is a wonderful site for families with children. There is a swimming area and playground. The grounds are always clean and well maintained. We have recommended this site to several other families as well.

This site is excellent. Please don't tell anyone.

I think the family enjoyed the privacy during the reunion.

Excewllent site/not crowded/low noise level. Would like to see electric outlets to decrease use of batteries. Would be willing to pay additional fees for this site.

There are no loud parties allowed and have had no problem with theft. These are especially important to us.

Very clean

Keep it quiet.

People are nice--no conflict with people.

Nice camp area--that's why we keep coming back.

Kim's Marina

Site	Comments regarding satisfaction with this site
-------------	---

We use this site because of the boat being docked here. Site is fine but way overpriced.

Very satisfied

We have enjoyed boating here at Canyon Ferry for 7 years. Before this we were in The Missoula/Seeley Lake area. We are native Montanans and love the recreational opportunities.

Nice recreation area.

I am very satisfied with this site.

It couldn't be better.

Fishing is better this year. In the past few years it has been awful.

Very satisfied with conditions and accomodations Kim's Marina has developed here for our particular form of recreation.

Feels that "weekenders" are a problem because they don't care about the facilities or taking care of the sites, whereas people who stay about a month or more have a greater interest in maintaining their sites.

Site is always clean and friendly.

Good overall

Great place. Come one come all.

Generally satisfied.

Overall, Kim's Marina is a nice place.

It was ok. We need more space.

Site	Comments regarding satisfaction with this site
------	--

I have been visiting site consistently for 15 years- it is adequate, but needs several improvements. Handicapped boat access. Playground. Covered group pavillion. Jet Ski info./ regulation rules posted.

We love our location hence our return of over 20 years. Being older, it's harder to put up w/ 4-wheelers w/ young kids on them & dogs loose.

Lewis and Clark

I'm satisfied. It's a great spot that's far enough away from town but not too far.

Elicit behavior of youths at this site not appreciated.

The sand is very weel kept and the garbage is few. The outhouses could be better.

Volleyball net.

It is one of the few places that a person can bring a dog to. I like it a lot

Good sun, people, water.

Great swimming and access (distance) from town.

Lorelei

We had a great time on our picnic. The beach was nice.

Very relaxing site.

Nice place, water a little low on Labor Day at Canyon Ferry Lake.

Orchard

Weeds are kept under control and restrooms are usable.

Site	Comments regarding satisfaction with this site
-------------	---

Overlook

A good place for people my age to hang out; cliff jumping is the primary reason people in my age group come here.

Riverside

Level out the campsites & add a fish cleaning station.

Very good

Too many of the boaters do not observe the no wake rule. I feel it should be enforced better.

It is accessible on a paved road. I dislike all the dust in that gets in my boat on the gravel roads ie. The good ramp at Black Sandy.

Each year we have noticed improvements with this campground - restrooms, drinking water access, etc.

Surprised at how nice and clean and well located it is. Great place to come quilt but accessible.

Parking spaces need leveled & more gravel.

We enjoyed our stay and will be back. Also liked the camp hosts.

This is a very good spot for camping with a tent, as long as it is down near the boat dock. The people that visit this site are very pleasant and I enjoy meeting new people each visit.

Shannon

We have always had a great time here with a minimal amount of dissatisfaction.

Nice area. Boys enjoyed swimming to island. Dog had fun.

Site	Comments regarding satisfaction with this site
-------------	---

Clean and Friendly people.

We have enjoyed this area for many years. This trip is just beginning we hope the weather improve.

Very satisfied

the site is always clean and well kept.

Very satisfied.

Keep up the good work. It's A-1 living in this area.

Good, easy bank fishing.

Very satisfied

Silos

Very good.

Will not return.

Like it, will return.

We enjoy the easy access to the water.

Cleanliness was great.

This place is fine for how I use it.

OK.

Newer picnic tables.

Very satisfied--it is clean & well kept.

Site	Comments regarding satisfaction with this site
------	--

Very nice on weekdays.
Noisy on weekends.

I love this site because it is not too developed and is often not crowded.

Satisfied.

The natural surroundings. The mountains, the water. The quiet (except for the weekend) surrounding, the fishing.

Like the openness of the site - can camp just about anywhere (not really any designated spots).

White Earth

Very satisfied.

Had a good time.

This site is a good family site. I have always been pleased with the way other people respect each others sites and are usually friendly people. I have never seen beligerent people or troublemaking be allowed to go on at this site. I enjoy coming here to relax and fish.

Feels that the picnic tables could be updated (repaired or replaced, painted, etc.). Dumpsters could be emptied more often

We have enjoyed our time here espicially this year (instead of the Silos). We started using White Earth regularly when we couldn't put our boat in at the Silos. A suggestion is a lake shore road and additional camp sites. Pet "poop" a problem.

The potential for this site is endless, however few attempts to improve this site have been taken.

Please fix the top part of the road at top of boat ramp.
Don't improve area anymore.

Site	Comments regarding satisfaction with this site
-------------	---

If there were a few more trees it would be 100% better.

We love it.

We love the small size and convenience of this put-in.

Canyon Ferry needs a fish management project that WORKS.

The pelicans are too numerous and the carp are too many. Also, tables need fixed. You need to concentrate on either making this a walleye lake or a trout lake--not a junkfish lake.

I have been coming here for over 20 years. Since the Bureau of Reclamation took over, the campground is better than evern, especially toilets that don't smell.

Since the walleye feshermen have started using this area it is a lot dirtiier than it was. Garbage is left all over and holding tanks on RV's have even been dumped at the camp spot.

OK.

We like this place.

Very satisfied.

Open parking you can set up camp the way you want to.

I like this area because of the bay for the boat, and it is centrally located on the lake.

This site has been improved greatly and we do appreciate what has been done. We like all the space we have to park our RV. It's great this year and we have been coming here for many years. Thanks!

Why is it other people park their RVs here and not use them except on weekends? And always at the best camping spot and not pay?

Site	Comments regarding satisfaction with this site
-------------	---

Good place to come to.

Having frequented this site for several years, for camping and for day trips, we have never encountered any serious unpleasentness- to the contrary. We especially value the boat launching facility and the sheltered bay for put in and take out.

Appendix E - Tables of Coded Visitor Comments by Site

Table 1. Visitor Comments Regarding the Management of the Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
N	80	43	35	81	54	54	39	100	51	38	63
Comments regarding management of the site.											
Good management	6.3%	33.3%	50.0%	27.3%	60.0%	54.5%	37.5%	37.1%	33.3%	23.1%	41.7%
Conflict with other users	12.5%	11.1%	.0%	6.1%	25.0%	9.1%	8.3%	11.4%	19.0%	15.4%	.0%
Good campground hosts	.0%	.0%	12.5%	6.1%	20.0%	13.6%	58.3%	5.7%	.0%	.0%	.0%
Need repairs-maintenance-cleaning	25.0%	22.2%	.0%	6.1%	5.0%	9.1%	4.2%	5.7%	4.8%	15.4%	16.7%
Need better enforcement of rules	12.5%	11.1%	.0%	3.0%	10.0%	.0%	.0%	11.4%	4.8%	.0%	8.3%
Well maintained	18.8%	11.1%	.0%	3.0%	.0%	4.5%	8.3%	11.4%	.0%	.0%	12.5%
Clean	.0%	11.1%	12.5%	3.0%	10.0%	4.5%	20.8%	2.9%	.0%	15.4%	.0%
Do not overdevelop-keep it natural	18.8%	11.1%	.0%	.0%	.0%	4.5%	.0%	2.9%	9.5%	23.1%	.0%
Trash problem	12.5%	.0%	.0%	3.0%	5.0%	.0%	4.2%	2.9%	.0%	.0%	4.2%
Crowded	.0%	11.1%	.0%	.0%	.0%	4.5%	4.2%	11.4%	4.8%	.0%	4.2%
Ok	6.3%	.0%	.0%	6.1%	.0%	.0%	4.2%	.0%	.0%	.0%	8.3%
Friendly people at site	.0%	.0%	.0%	6.1%	.0%	.0%	8.3%	5.7%	9.5%	.0%	.0%
Bad-rude camp host a Court Sheriff	.0%	.0%	.0%	24.2%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
Need more campsites	.0%	.0%	.0%	3.0%	.0%	.0%	.0%	5.7%	4.8%	.0%	12.5%
Poorly maintained-poor management	.0%	.0%	.0%	3.0%	5.0%	4.5%	.0%	2.9%	4.8%	.0%	8.3%
Fee expensive	.0%	.0%	.0%	.0%	5.0%	.0%	.0%	5.7%	4.8%	.0%	.0%
Maintenance-management has improved- like improvements	.0%	.0%	.0%	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	4.2%
Keep it free-low cost	.0%	.0%	.0%	.0%	.0%	.0%	4.2%	.0%	14.3%	7.7%	.0%
Leave as is	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	9.5%	7.7%	.0%
Need to protect vegetation	.0%	.0%	.0%	.0%	.0%	.0%	4.2%	2.9%	.0%	.0%	.0%
Need beach area	.0%	.0%	.0%	6.1%	.0%	.0%	.0%	.0%	4.8%	.0%	4.2%
Peaceful	.0%	.0%	12.5%	.0%	.0%	.0%	.0%	2.9%	.0%	.0%	.0%
Need more fish	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.9%	4.8%	.0%	4.2%
Need better auto and boat parking	.0%	11.1%	12.5%	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%
Need better insect											

control	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.8%	.0%	4.2%
Management not visible	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.9%	.0%	.0%	4.2%
Concerned with fish issues	.0%	.0%	12.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%

(continued)

Table 1. Visitor Comments Regarding the Management of the Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Needs a dump site	.0%	.0%	.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
Need more Walleye fish	.0%	.0%	.0%	.0%	.0%	4.5%	.0%	.0%	4.8%	.0%	.0%
Need privatization-leasing of site	.0%	.0%	.0%	.0%	.0%	9.1%	.0%	.0%	.0%	.0%	.0%
Need well for fresh water	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.7%	.0%
Needs expanded	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.9%	4.8%	.0%	.0%
Need better camp hosts	.0%	.0%	.0%	3.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Clean bathrooms	.0%	.0%	.0%	.0%	5.0%	.0%	.0%	.0%	.0%	.0%	4.2%
Need fewer rules	.0%	.0%	.0%	6.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Bad campsite-concrete parking lot	.0%	.0%	.0%	6.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Enjoy few restrictions at site	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.9%	.0%	.0%	.0%
Good access	.0%	.0%	12.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Uncrowded	.0%	.0%	.0%	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%
Less management	.0%	.0%	.0%	3.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Need dust control	.0%	.0%	.0%	3.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Need phone booth	.0%	.0%	.0%	3.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Need weather shelters	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.2%
Do not like low water	6.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Good restrooms	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.9%	.0%	.0%	.0%
Need to spray weeds	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Quiet- no loud parties	.0%	.0%	12.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Water should be allowed to rise quicker	.0%	.0%	.0%	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%
Need to protect spawning stream	.0%	.0%	.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
Need level campsites	.0%	.0%	.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
MPC needs to keep site open	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Site has improved	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Like fishing pond	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Need boat ramps on both sides	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.7%	.0%
Like diversity of fish species	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.8%	.0%	.0%
Water too dirty	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.2%
Good campground	.0%	.0%	.0%	3.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%

No drinking water	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Good scenery	.0%	.0%	.0%	.0%	.0%	.0%	.0%	2.9%	.0%	.0%	.0%
Do not survey during peoples vacations	6.3%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Need more recreation	.0%	.0%	.0%	3.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%

(continued)

Table 1. Visitor Comments Regarding the Management of the Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Do not use public areas for fishing tournaments	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.2%
Do not charge fee to golden agers	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.2%
RVs and trailers should pay more than autos	.0%	.0%	.0%	.0%	.0%	.0%	4.2%	.0%	.0%	.0%	.0%
Need season passes offered at low price	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%

(continued)

Table 1. Visitor Comments Regarding the Management of the Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
N	67	41	18	10
Comments regarding management of the site.				
Good management	46.7%	28.6%	25.0%	57.1%
Conflict with other users	10.0%	.0%	25.0%	.0%
Good campground hosts	3.3%	.0%	.0%	.0%
Need repairs-maintenance-cleaning	6.7%	14.3%	25.0%	.0%
Need better enforcement of rules	3.3%	21.4%	25.0%	.0%
Well maintained	.0%	14.3%	.0%	.0%
Clean	6.7%	7.1%	.0%	.0%
Do not overdevelop-keep it natural	3.3%	7.1%	.0%	.0%
Trash problem	.0%	7.1%	25.0%	28.6%
Crowded	.0%	.0%	.0%	.0%
Ok	3.3%	7.1%	.0%	14.3%
Friendly people at site	3.3%	.0%	.0%	.0%
Bad-rude camp host a Court Sheriff	.0%	.0%	.0%	.0%
Need more campsites	.0%	7.1%	.0%	.0%
Poorly maintained-poor management	.0%	.0%	.0%	.0%
Fee expensive	3.3%	.0%	.0%	14.3%
Maintenance-management has improved- like improvements	3.3%	21.4%	.0%	.0%
Keep it free-low cost	.0%	.0%	.0%	.0%
Leave as is	.0%	7.1%	.0%	.0%
Need to protect vegetation	6.7%	.0%	.0%	.0%
Need beach area	.0%	.0%	.0%	.0%
Peaceful	3.3%	.0%	.0%	.0%
Need more fish	.0%	.0%	.0%	.0%
Need better auto and boat parking	.0%	.0%	.0%	.0%
Need better insect control	3.3%	.0%	.0%	.0%
Management not visible	.0%	.0%	.0%	.0%
Concerned with fish issues	3.3%	.0%	.0%	.0%

(continued)

Table 1. Visitor Comments Regarding the Management of the Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Needs a dump site	.0%	7.1%	.0%	.0%
Need more Walleye fish	.0%	.0%	.0%	.0%
Need privatization-leasing of site	.0%	.0%	.0%	.0%
Need well for fresh water	3.3%	.0%	.0%	.0%
Needs expanded	.0%	.0%	.0%	.0%
Need better camp hosts	3.3%	.0%	.0%	.0%
Clean bathrooms	.0%	.0%	.0%	.0%
Need fewer rules	.0%	.0%	.0%	.0%
Bad campsite-concrete parking lot	.0%	.0%	.0%	.0%
Enjoy few restrictions at site	3.3%	.0%	.0%	.0%
Good access	.0%	.0%	.0%	.0%
Uncrowded	.0%	.0%	.0%	.0%
Less management	.0%	.0%	.0%	.0%
Need dust control	.0%	.0%	.0%	.0%
Need phone booth	.0%	.0%	.0%	.0%
Need weather shelters	.0%	.0%	.0%	.0%
Do not like low water	.0%	.0%	.0%	.0%
Good restrooms	.0%	.0%	.0%	.0%
Need to spray weeds	3.3%	.0%	.0%	.0%
Quiet- no loud parties	.0%	.0%	.0%	.0%
Water should be allowed to rise quicker	.0%	.0%	.0%	.0%
Need to protect spawning stream	.0%	.0%	.0%	.0%
Need level campsites	.0%	.0%	.0%	.0%
MPC needs to keep site open	.0%	.0%	25.0%	.0%
Site has improved	.0%	7.1%	.0%	.0%
Like fishing pond	.0%	7.1%	.0%	.0%
Need boat ramps on both sides	.0%	.0%	.0%	.0%
Like diversity of fish species	.0%	.0%	.0%	.0%
Water too dirty	.0%	.0%	.0%	.0%
Good campground	.0%	.0%	.0%	.0%
No drinking water	.0%	7.1%	.0%	.0%
Good scenery	.0%	.0%	.0%	.0%
Do not survey during peoples vacations	.0%	.0%	.0%	.0%
Need more recreation	.0%	.0%	.0%	.0%

(continued)

Table 1. Visitor Comments Regarding the Management of the Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Do not use public areas for fishing tournaments	.0%	.0%	.0%	.0%
Do not charge fee to golden agers	.0%	.0%	.0%	.0%
RVs and trailers should pay more than autos	.0%	.0%	.0%	.0%
Need season passes offered at low price	3.3%	.0%	.0%	.0%

Table 2. Visitor Comments Regarding Their Satisfaction with the Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
N	80	43	35	81	54	54	39	100	51	38	63
Comments regarding satisfaction with the site.											
Very satisfied	45.5%	60.0%	50.0%	52.4%	50.0%	58.8%	66.7%	31.8%	35.7%	58.3%	21.4%
Ok/pretty good	9.1%	20.0%	12.5%	14.3%	4.5%	17.6%	5.6%	9.1%	14.3%	8.3%	21.4%
Good scenery	18.2%	.0%	.0%	19.0%	27.3%	.0%	.0%	9.1%	7.1%	.0%	7.1%
Clean	.0%	20.0%	.0%	14.3%	13.6%	.0%	16.7%	4.5%	.0%	.0%	14.3%
Good land-based facilities	9.1%	.0%	.0%	.0%	4.5%	.0%	.0%	13.6%	.0%	.0%	7.1%
Need repairs / maintenance / cleaning	9.1%	.0%	12.5%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%	.0%
Well maintained	.0%	10.0%	.0%	9.5%	4.5%	.0%	5.6%	9.1%	7.1%	.0%	7.1%
Good access	.0%	.0%	.0%	9.5%	4.5%	.0%	.0%	4.5%	.0%	.0%	7.1%
Overcrowded	.0%	.0%	.0%	.0%	4.5%	5.9%	5.6%	9.1%	.0%	.0%	.0%
Good water recreation / boating facilities	18.2%	.0%	.0%	4.8%	4.5%	.0%	.0%	.0%	7.1%	.0%	.0%
Few people / uncrowded	.0%	.0%	.0%	4.8%	.0%	.0%	5.6%	.0%	.0%	8.3%	7.1%
Need to enforce limits / rules	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	9.1%	7.1%	.0%	.0%
Other visitor behavior disruptive	.0%	.0%	.0%	.0%	.0%	.0%	.0%	9.1%	7.1%	.0%	.0%
Peaceful/relaxing	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.5%	7.1%	8.3%	.0%
Nice people	.0%	10.0%	12.5%	.0%	.0%	.0%	5.6%	.0%	7.1%	.0%	.0%
Will come back	.0%	.0%	12.5%	.0%	.0%	.0%	5.6%	.0%	7.1%	.0%	.0%
Enjoy wildlife	.0%	.0%	.0%	4.8%	.0%	.0%	5.6%	4.5%	.0%	.0%	.0%
Site has improved / like improvements	.0%	.0%	12.5%	.0%	.0%	.0%	.0%	.0%	.0%	8.3%	.0%
Need expanding	.0%	.0%	12.5%	.0%	.0%	5.9%	.0%	.0%	.0%	.0%	.0%
Keep as is	.0%	.0%	.0%	.0%	.0%	.0%	.0%	9.1%	.0%	.0%	.0%
Need more fish	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.5%	7.1%	.0%	.0%
Need trash cans	.0%	.0%	.0%	4.8%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Dislikes weekenders / weekends noisy	.0%	.0%	.0%	.0%	.0%	5.9%	.0%	.0%	.0%	.0%	7.1%
Good camp hosts	.0%	.0%	12.5%	.0%	4.5%	.0%	5.6%	.0%	.0%	.0%	.0%
Great/good fishing	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	14.3%	.0%	.0%
Weeknights pleasant	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	14.3%
Fee excessive	.0%	.0%	.0%	.0%	.0%	5.9%	.0%	.0%	7.1%	.0%	.0%
Like privacy	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	16.7%	.0%
Need full hookups	.0%	.0%	.0%	.0%	.0%	.0%	5.6%	4.5%	.0%	.0%	.0%
Keep site open to pets	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Handicapped accessible	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	8.3%	.0%
Unsatisfied	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%

(continued)

Table 2. Visitor Comments Regarding Their Satisfaction with the Site

	Site name										
	Day use	Shannon	Riverside	Court Sheriff	Chinamen Gulch	Kims Marina	Jo Bonner	Hellgate	Goose Bay	Confederate	Silos
Need more seclusion / privacy	.0%	.0%	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%
Like area kept natural	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%	.0%
Mostly undeveloped	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%
Will not return	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%
Good parking	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.5%	.0%	.0%	.0%
Do not mind fees	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	8.3%	.0%
Kids enjoy site	.0%	.0%	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%	.0%
A good spot for cliff jumping	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Need more vegetation	.0%	.0%	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%	.0%
Need fencing	.0%	.0%	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%	.0%
Need shelters	.0%	.0%	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%	.0%
Good campgrounds	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.5%	.0%	.0%	.0%
Kims Marina is a good place	.0%	.0%	.0%	.0%	.0%	5.9%	.0%	.0%	.0%	.0%	.0%
Fishing has improved	.0%	.0%	.0%	.0%	.0%	5.9%	.0%	.0%	.0%	.0%	.0%
Need better night fishing facilities	.0%	.0%	.0%	.0%	.0%	.0%	.0%	4.5%	.0%	.0%	.0%
Need newer picnic tables	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%
No unnecessary restrooms	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%	.0%
Lots of room for all users	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%	.0%
Keep it quiet	.0%	.0%	.0%	.0%	.0%	.0%	5.6%	.0%	.0%	.0%	.0%
Fear / dislike jet skis	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%	.0%
Need level parking	.0%	.0%	12.5%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Do not overdevelop	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Too much private development	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Like free fishing	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%
Convenient to get to	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Lots of tables and fire pits	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Lots of shade	.0%	.0%	.0%	4.8%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Increase fees	.0%	.0%	.0%	.0%	4.5%	.0%	.0%	.0%	.0%	.0%	.0%
Poor place for boat	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%	.0%
Want volleyball net	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Need more boat slips	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%	.0%
More trees	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%
Need gas	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	7.1%	.0%	.0%
Keep it free	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	8.3%	.0%
Water is low	9.1%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%	.0%

(continued)

Table 2. Visitor Comments Regarding Their Satisfaction with the Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
N	67	41	18	10
Comments regarding satisfaction with the site.				
Very satisfied	40.9%	30.0%	33.3%	14.3%
Ok/pretty good	22.7%	30.0%	.0%	42.9%
Good scenery	4.5%	20.0%	33.3%	28.6%
Clean	.0%	10.0%	66.7%	.0%
Good land-based facilities	9.1%	10.0%	.0%	.0%
Need repairs / maintenance / cleaning	18.2%	20.0%	.0%	.0%
Well maintained	.0%	.0%	.0%	.0%
Good access	4.5%	.0%	33.3%	.0%
Overcrowded	.0%	.0%	33.3%	.0%
Good water recreation / boating facilities	4.5%	.0%	.0%	.0%
Few people / uncrowded	.0%	.0%	.0%	14.3%
Need to enforce limits / rules	4.5%	.0%	.0%	.0%
Other visitor behavior disruptive	4.5%	.0%	.0%	.0%
Peaceful/relaxing	4.5%	.0%	.0%	.0%
Nice people	.0%	.0%	.0%	.0%
Will come back	.0%	10.0%	.0%	.0%
Enjoy wildlife	.0%	.0%	.0%	.0%
Site has improved / like improvements	4.5%	.0%	.0%	.0%
Need expanding	4.5%	.0%	.0%	.0%
Keep as is	.0%	10.0%	.0%	.0%
Need more fish	4.5%	.0%	.0%	.0%
Need trash cans	.0%	20.0%	.0%	.0%
Dislikes weekends / weekends noisy	.0%	.0%	33.3%	.0%
Good camp hosts	.0%	.0%	.0%	.0%
Great/good fishing	.0%	.0%	.0%	.0%
Weeknights pleasant	.0%	.0%	.0%	.0%
Fee excessive	.0%	.0%	.0%	.0%
Like privacy	.0%	.0%	.0%	.0%
Need full hookups	.0%	.0%	.0%	.0%
Keep site open to pets	.0%	.0%	.0%	14.3%
Handicapped accessible	.0%	.0%	.0%	.0%
Unsatisfied	4.5%	.0%	.0%	.0%

(continued)

Table 2. Visitor Comments Regarding Their Satisfaction with the Site

	Site name			
	White Earth	Indian Road	Cave Bay	Fish Hawk
Need more seclusion / privacy	.0%	.0%	.0%	.0%
Like area kept natural	.0%	.0%	.0%	.0%
Mostly undeveloped	.0%	.0%	.0%	.0%
Will not return	.0%	.0%	.0%	.0%
Good parking	.0%	.0%	.0%	.0%
Do not mind fees	.0%	.0%	.0%	.0%
Kids enjoy site	.0%	.0%	.0%	.0%
A good spot for cliff jumping	.0%	.0%	.0%	.0%
Need more vegetation	.0%	.0%	.0%	.0%
Need fencing	.0%	.0%	.0%	.0%
Need shelters	.0%	.0%	.0%	.0%
Good campgrounds	.0%	.0%	.0%	.0%
Kims Marina is a good place	.0%	.0%	.0%	.0%
Fishing has improved	.0%	.0%	.0%	.0%
Need better night fishing facilities	.0%	.0%	.0%	.0%
Need newer picnic tables	.0%	.0%	.0%	.0%
No unnecessary restrooms	.0%	.0%	.0%	.0%
Lots of room for all users	.0%	.0%	.0%	.0%
Keep it quiet	.0%	.0%	.0%	.0%
Fear / dislike jet skis	.0%	.0%	.0%	.0%
Need level parking	.0%	.0%	.0%	.0%
Do not overdevelop	4.5%	.0%	.0%	.0%
Too much private development	.0%	.0%	33.3%	.0%
Like free fishing	.0%	.0%	.0%	.0%
Convenient to get to	.0%	10.0%	.0%	.0%
Lots of tables and fire pits	.0%	10.0%	.0%	.0%
Lots of shade	.0%	.0%	.0%	.0%
Increase fees	.0%	.0%	.0%	.0%
Poor place for boat	.0%	.0%	.0%	.0%
Want volleyball net	.0%	.0%	.0%	.0%
Need more boat slips	.0%	.0%	.0%	.0%
More trees	4.5%	.0%	.0%	.0%
Need gas	.0%	.0%	.0%	.0%
Keep it free	.0%	.0%	.0%	.0%
Water is low	.0%	.0%	.0%	.0%