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### Clark Canyon Recreation Survey: 2003-2004

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# 2003-'04 Clark Canyon Recreation Survey



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Research Report 2004-6  
May 2004

Institute for Tourism and Recreation Research  
College of Forestry and Conservation  
The University of Montana  
Missoula, Montana  
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# 2003-'04 Clark Canyon Recreation Survey

## Results of the Study

May 2003 – February 2004

Submitted to  
The Bureau of Reclamation

Prepared by

Robert G. Dvorak  
Norma P. Nickerson  
Jim Wilton

Research Report 2004-6

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Institute for Tourism and Recreation Research  
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## **Executive Summary**

This information summarizes the results of a recreation survey on Clark Canyon reservoir, conducted from May 24, 2003 to February 29, 2004. There were 448 visitors who completed the questionnaires at nine sites on the reservoir, one site immediately below the dam (Fishing Access), and one site down river (Barretts).

### **Demographic information**

- The average age ranged from 40 years old at the Lewis and Clark site to 56 years old at Beaverhead.
- Groups were predominantly male - between 63 percent to 100 percent males.
- 33% to 55% of visitors had attended college followed by 20%- 30% with a high school education.
- Professional and retired were the predominant occupations reported by visitors.
- Montana residents spent \$89.29 on average per trip while nonresident visitors spent \$330.23 on average per trip.
- Montanan's accounted for 50% of all visitors to Clark Canyon followed by visitors from Idaho (9%), Utah (8%) and California (5%).
- If visitors were from Montana, Beaverhead County residents used the area the most followed by Silver Bow, Ravalli, and Missoula counties.
- Visitors generally came as a family group or as a group of friends to Clark Canyon. Average group sizes at the various sites ranged from a high of 4.44/ group at the Cameahwait site to 2/group at the South Shore sites.

### **Trip Characteristics**

- The majority of visitors were repeat visitors to the sites and 40%-85% had been to the site they were intercepted at more than 10 times. More than half of the visitors to five of the sites had been visiting that site for over 10 years.
- Most visitors (42% at Fishing Access to 100% at South Shore) did not spend a night.
- The most important reasons for choosing a site were— easy to get to, good fishing, been there before, and scenic beauty. Fishing Access received the highest percent (70%) who indicated good fishing followed by 63% at Lone Tree. 63% of visitors at Overlook indicated the Lewis and Clark historic site as the reason for visiting that site.
- Sightseeing, walking, viewing wildlife, and fishing were the most popular activities. Ice fishing was engaged in the most at South Shore and Horse Prairie.

### **Satisfaction, Importance, and Facility Needs**

- Visitors responded positively about their overall trip satisfaction.
- Cleanliness of the area and maintenance of the facilities received the most number of people indicating these conditions as important and each site received positive satisfaction levels related to cleanliness and maintenance.
- The condition of the campsite/picnic areas was important to most visitors and the visitors were satisfied with these conditions.

- The number of fish caught was very important to visitors at Fishing Access, South Shore, and Horse Prairie. Satisfaction level was the highest at Fishing Access with a positive response but a negative response in satisfaction of number of fish caught was reported at South Shore.
- The only agreement on facilities needed at each site was “none” indicating that visitors like the sites the way they are.
- When visitors wrote in suggestions for management and satisfaction, the predominant theme was that visitors encouraged management to keep the sites as a “no fee” area and that they liked the site as it currently exists.

#### Encounters, Conflicts, Crowding, and Place Attachment

- The number of encounters with people engaged in different types of activities was quite low at every site in the study. Because of this, conflicts at these sites were low to none.
- Fishing Access was the only site where more encounters occurred. 83% encountered bank anglers and 9 % disliked seeing them; 77% encountered wade anglers and 9% disliked seeing them, and; 68% encountered boat anglers and 14% disliked seeing them.
- In general visitors were not at all crowded at Clark Canyon but one-third of the South Shore visitors felt slightly crowded.
- Visitors to two sites, Lone Tree and South Shore, appear to have a greater attachment to place than the other visitors at other sites. Attachment, however was not very strong at any site.

## 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 Cherie Lowe. Her flexibility, patience, and perseverance in the field made this study possible. Thank you also to the Brenda Yankoviak for her assistance in the data entry and formatting of results for this report .

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## **Preface**

This report summarizes a study of recreation use on Clark Canyon reservoir and Barretts Campground from May 24, 2003 to February 29, 2004. There are three 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 Clark Canyon Sites
- Section 3. Appendices

## **1 - Recreation Visitor Survey Results**

### **1.1 Introduction**

The overall goal of the 2003-2004 Clark Canyon Recreation Study was to understand the characteristics of recreational use and users at representative sites operated by the Bureau of Reclamation on Clark Canyon Reservoir and at Barretts campground. Because the Clark Canyon reservoir has never been surveyed, this study was also conducted to produce data that could later be compared to future studies.

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;

The 2003-2004 Clark Canyon Recreation Study began on May 24, 2003 and continued until February 29, 2004. This report summarizes the data collected during this sampling period.

## **1.2 Study Area**

Clark Canyon reservoir is located 20 miles south of Dillon, Montana. These recreation sites are administered by the US Bureau of Reclamation (BOR).

The following sites were sampled as part of the 2003-2004 Clark Canyon Recreation Study.

Barrett's – Barrett's Diversion Dam Park is a very popular day use area used for day use activities including: weddings, group picnicking, and fishing. Facilities include a large group use shelter and overnight parking.

Fishing Access – Beaverhead River fishing Access is a frequently used site situated immediately below Clark Canyon Dam. Compared to most other areas around the reservoir, this area has lush vegetation and is used by anglers, campers, bird watchers, and other wildlife observers. The Cattail Marsh nature trail at this site is self guided with signs. The area is also a popular put-in location for anglers with drift boats. Access to the site is from a steep, winding road that begins near the top of Clark Canyon Dam.

Lewis and Clark – The Lewis & Clark site provides for day use. Facilities include 2 covered shelters. New construction now ties this site to Overlook providing a walking trail up to Overlook as well as visitor parking.

Beaverhead – Beaverhead Campground is the most popular and conveniently accessible camping site at the reservoir. It has shelters, toilets, and a low-water boat ramp. Facilities include 6 covered shelters.

Overlook – The Camp Fortunate Overlook is an educational and interpretative site commemorating the Lewis and Clark Expedition of 1804-1806. The facility is also used for passive recreation (limited trail use) and provides excellent views of the reservoir. The improved interpretive facilities reflect the historic qualities of Camp Fortunate.

Horse Prairie – Horse Prairie Campground is used for camping and fishing access on the north side of the reservoir. There is new jack-leg fencing to restrict off-highway vehicle (OHV) traffic. Facilities at the east campground include 3 covered shelters. Facilities at the west campground include 7 covered shelters.

Cameahwait – Located along the north shore of the Reservoir is a popular campground with four covered shelters, two toilets and one hand pump.

Lone Tree – Lone Tree Campground is a popular group camping area that serves as a base camp for fishing access to the reservoir as well as for large gatherings of campers in multiple groups that desire shared facilities. Facilities include 8 covered shelters.

Hap Hawkins – Group use and general camping. Facilities include one large covered group use pavilion with a fire place, two toilets and a hand pump.

South Shore – No development and no facilities. Gravel road access only to a low water fishing gravel bar.

Red Rock – The Red Rock Fishing Access area is heavily used during peak fishing periods. The area is so well used with anglers that the existing parking area needs expansion to better meet peak demands.

### **1.3 Methodology**

The primary data collection instrument was an on-site intercept 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 through Labor 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.

After the Labor Day holiday through February the reservoir was divided into three sampling segments. The fourth segment was Barretts Campground. The three segments on the reservoir were grouped to represent the north end as segment 1, the northwest as segment 2, and the

south end as segment 3. The four segments were rotated through the three time frames each sampling day.

### **1.3.2 Questionnaire**

A copy of the questionnaire can be found in Appendix A. The questionnaire used for the study consisted of the same questions from the 1995, 1999, and 2003-04 Canyon Ferry Recreation studies. 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 public access, facilities and management actions at the site, perceptions 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. No pre-test of the questionnaire was conducted because it was successfully used in the 1995 and 1999 studies.

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, in-person 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 eligible 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 or not feasible. Survey personnel were instructed to minimize the number of mail-back questionnaires administered and to restrict their use to certain situations when completion was not feasible. These were; adverse 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.

### **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. 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.

### **1.5 Survey Limitations**

All survey designs have limitations that influence interpretation of the data. The 2003-2004 Clark Canyon 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 May 2003 through February 2004.
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 2003-2004 Clark Canyon 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

Eleven sites were sampled as part of the 1999 Clark Canyon Recreation Survey, producing 488 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: Red Rocks, South Shore, and Hap Hawkins and are called South Shore for the remainder of this report. Hap Hawkins has overnight use, but the respondents for this survey only used the site for day use.

**Table 1. Sample Size by Site**

<b>Site</b>	<b>Sample size</b>
Beaverhead	122
Overlook	95
Horse Prairie	67
Fishing Access	33
Cameahwait	28
Lone Tree	20
Lewis & Clark	19
<b>South Shore Sites:</b>	15
Red Rocks	
South Shore	
Hap Hawkins	
<b>Total Clark Canyon</b>	<b>399</b>
Barretts	89
<b>Total Study Area</b>	<b>488</b>

## 1.7.2 Visitor Characteristics

### *Age*

Appendix Table B1 displays visitor characteristics by site. Visitors to the Fishing Access and Lewis and Clark were notably younger than visitors to the campgrounds. The average age of the Fishing Access and Lewis and Clark visitors was 40 and 41, respectively, while visitors at other sites ranged in age from a low of 49 at Cameahwait to high of 56 at Beaverhead.

### *Gender*

Male visitors were the predominant users at all the sites in Clark Canyon. Eight-two percent and 80% of visitors to the Fishing Access and Horse Prairie were male, while 100% of visitors to South Shore were male. Cameahwait reported the highest proportion of females with 37%.

### *Education*

Respondents at Barretts had more visitors with a college degree (55%) than any of the other sites followed by Lone Tree with 53%. Overlook and Fishing Access reported the highest percentage of visitors with postgraduate education (41% and 40% respectively). The only discernible difference in education levels was at Overlook and Barretts which had the fewest number of people with only a high school degree (16% and 21% respectively).

### *Occupation*

The occupation of respondents was classified according to Census Bureau definitions. Professional, craftsman, and retired were the most often listed occupations for sites. Professionals were the largest group per site with over 25% of visitors to each site reporting. Beaverhead and South Shore had the highest percentage of retired users (37% and 33%). In contrast, only 10% of Fishing Access visitors classified themselves as retired. The number of professionals ranged from a low of 5% at Lone Tree to highs of 43% and 41% at Overlook and Lewis and Clark, respectively.

### *Income*

Cameahwait had the highest percentage of users who reported \$10,000 or less in household income (13%). In contrast 49% of visitors to Overlook and 36% of visitors to Fishing Access 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 \$50,000 before taxes.

### *Residence*

Appendix Table B2 lists the state of residents for visitors by site. Montana residents constitute the largest proportion of visitors to Clark Canyon Reservoir, accounting for 50% of the total sample. Montana residents at Barretts represent 53%. Non-resident visitors to Clark Canyon were mainly from Idaho (9%), Utah (8%), and California (5%).

Appendix Table B3 lists the county of residence for Montana visitors. The resident visitors were primarily from three counties: Beaverhead, Silver Bow, and Ravalli. Beaverhead County residents comprised a significant percentage of the visitors to most of the campgrounds, and 78% of Montana resident visitors at South Shore day use sites.

### ***Group Characteristics***

Appendix Table B4 shows the characteristics of groups by site. The vast majority of visitors were with family or with friends. Most of the groups were comprised of 3 to 4 people, though Cameahwait had an average group size of 5. Group size ranged from a low of 2.53 at South Shore to a high of 5.26 at Cameahwait. Two to four children were present at most sites. South Shore sites and Barretts had the highest proportion of solo visitors (27% and 24%, respectively) and Fishing Access had the highest proportion of outfitted guests (9%).

The proportion of groups in which someone had a disability is shown in Appendix Table B6. Barretts and Overlook had the largest proportions of visitors with disabilities (16%) and South Shore sites did not report any visitors with disability. Back, vision, mental and general disabilities 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**

Appendix Table B5 shows various trip characteristics by site. At most of the sites, less than 40% of visitors were on their first visit, except at Overlook where 59% of respondents were first time visitors. At all the sites, more than 40% of the respondents who had previously been to the site had visited more than ten times. The majority of repeat visitors also reported that they have been coming to Clark Canyon for over 10 years.

Most of the visitors in this study did not intend to stay overnight. However, Cameahwait and Fishing Access did have high proportions of overnight visitors (79% and 58%, respectively). Most of the overnight visitors were staying 3 to 4 nights. For day users, visitors to Barretts (49%), Beaverhead (52%), and Overlook (70%) reported typically staying for less than one hour. Most other day users stayed between 2 and 6 hours.

Visitors were asked what their reasons were for choosing the recreation site where they were contacted (Appendix Table B7). Several of the most important reasons for choosing a particular site were: easy to get to, good fishing, been there before, scenic beauty, and other specific attractions. These reasons seem to have the strongest support across all of the sites. Not surprisingly, 63% of visitors to Overlook stated that Lewis and Clark was the reason for visiting that site.

Visitors were also asked to identify the primary reason for their choice of site. The most important reason for choosing a site was good fishing and easy to get to. Fishing Access (70%) and Lone Tree (63%) saw good fishing as the number one reason above all other sites. Easy to get to was mentioned by visitors to Lewis and Clark (31%) and Barretts (24%).

Visitors were asked if they were at this site because other sites were too crowded. Appendix Table B7.1 lists the sites that visitors cited as being too crowded, but this table accounts for only 5 respondents. The upper Beaverhead and the end of Horse Prairie were the most frequently cited as being too crowded with two responses each. Crowding does not appear to be an issue at Clark Canyon.

#### **1.7.4 Recreation Activity Participation**

Appendix Table B8 shows the percentage of visitors who participated in various activities for each site. Fishing did not come out as the number one activity, however, many fishermen engage in just one form of fishing - boat, wade, or bank fishing - and do not combine the activity in one trip. Looking at fishing this way, then one of the most common activities at every site (except Overlook) would be fishing.

Among activities, sightseeing, walking, viewing wildlife, and fishing were the most popular activities. However, visiting Lewis and Clark sites was much more popular at Overlook, with over 53% of visitors participating. Swimming and tubing were two other activities popular at specific sites. Swimming was popular at Lewis and Clark (41%) and tubing was popular at Lone Tree (32%).

The uniqueness of Fishing Access stands out with fishing the highest at that site over all other sites as well as floating/rafting.

During the winter season of this study, ice fishing was a popular activity at the South Shore sites and Horse Prairie. Fifty percent of visitors to the South Shore and 40% of visitors to Horse Prairie reported ice fishing during their visit.

#### **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. Appendix 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. Cameahwait (.42), Fishing Access (.21), and Lone Tree (.05) were the sites where visitor's evaluations of their experiences positively scored as the trip better than any they can remember. At the other sites, average responses to this item were all slightly negative. The most negative evaluations of this item (-0.48) were at Horse Prairie.

When comparing their trip relative to all other trips to that area, visitors generally rated their satisfaction as positive. In other words, visitors somewhat agreed that their current visit was better than any past trip to the area. However, visitors at Horse Prairie and the South Shore sites rated this item negatively (-.4).

Visitors agreed with the statement that the recreation experience was so good they would take it again. Their overall agreement was fairly strong with scores ranging from .44 at Lewis and Clark to 1.04 at Cameahwait.

Overall trip satisfaction levels were slightly positive for most of the sites. Cameahwait had the highest satisfaction index score (0.67), and Horse Prairie had the lowest score (-0.13). When evaluating these satisfaction scores it is important to remember that the respondent is thinking about their *trip*, not just the site they were interviewed.

### ***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. Appendix Table B10 shows the site conditions that visitors felt were most important and Appendix 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 Appendix 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 20 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?

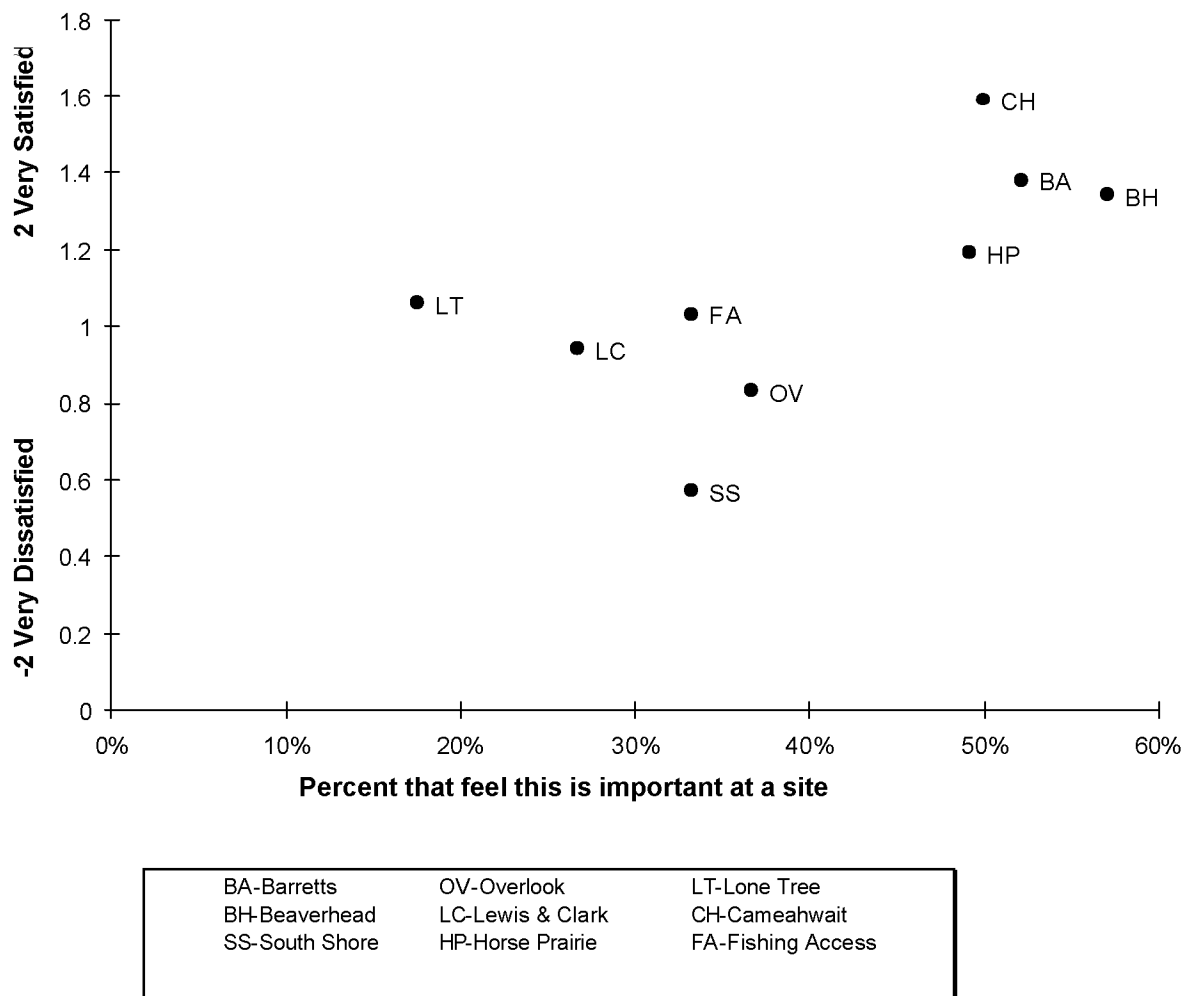
From a management perspective, any areas with high importance proportions and low satisfaction levels are where attention needs to be focused. Here visitors feel that a given attribute is very important to them but are unsatisfied with its condition at the site. On the other hand, attributes with high 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.

\*Note to Reader: The X and Y axis have different points and span for each graph, therefore comparing one graph to another is not acceptable.

### Campsite and picnic area conditions

Visitors to the Clark Canyon area felt that the condition of the campsite and picnic areas were fairly important. For most of the sites 18% to 57% of the visitors indicated that this was an important condition. Visitors were generally satisfied with the condition of the campsite and picnic areas. Every site received an average positive score. Cameahwait visitors were the most satisfied with these conditions (1.59), while South Shore visitors were the least satisfied (.57).

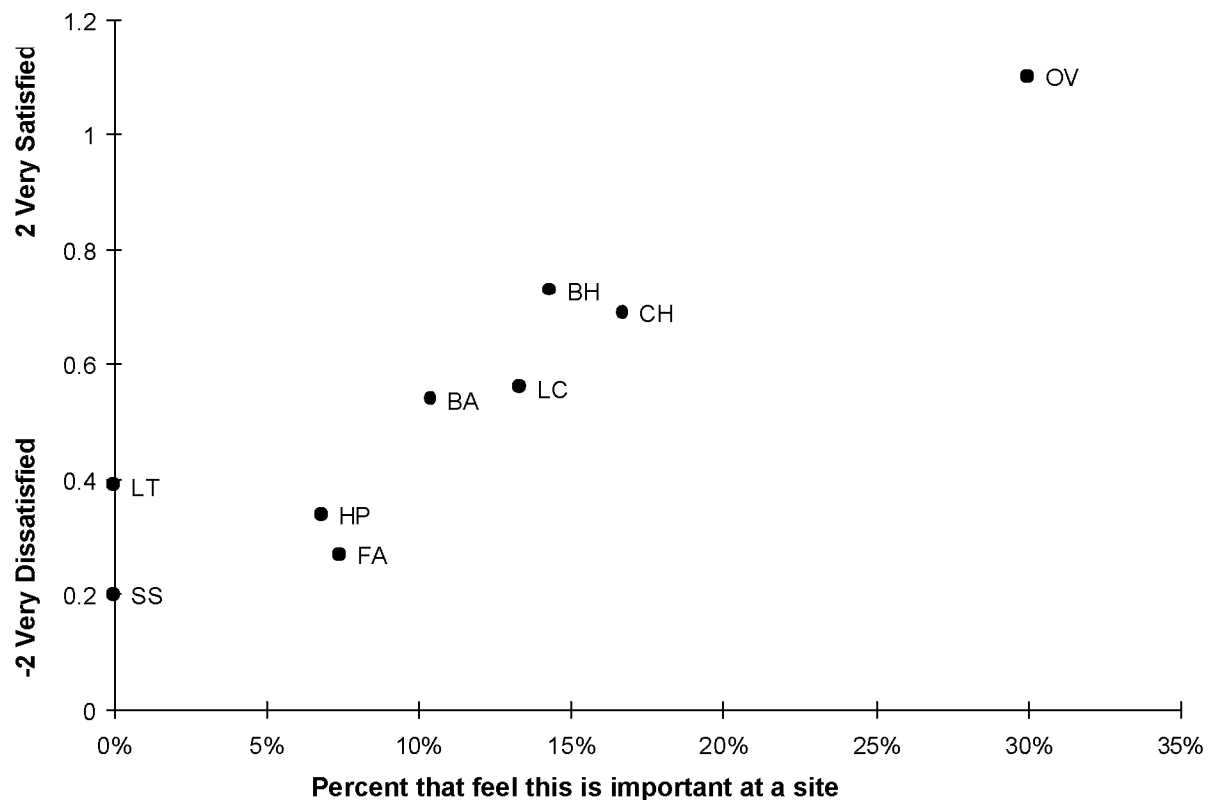
**Figure 1. Importance of and satisfaction with campsite and picnic area conditions.**



### Quality of Lewis and Clark interpretive and educational information

Most visitors did not find the quality of Lewis and Clark interpretive or educational information as important as some other site conditions. Less than 17% of visitors to most sites felt it was important, with no visitors to Lone Tree and the South Shore feeling it was important at all. However, 30% of visitors to Overlook felt it was important and were very satisfied (1.1) with the condition. In general, as importance increased, satisfaction seemed to increase.

**Figure 2. Importance of and satisfaction with the quality of Lewis and Clark interpretive and educational information.**



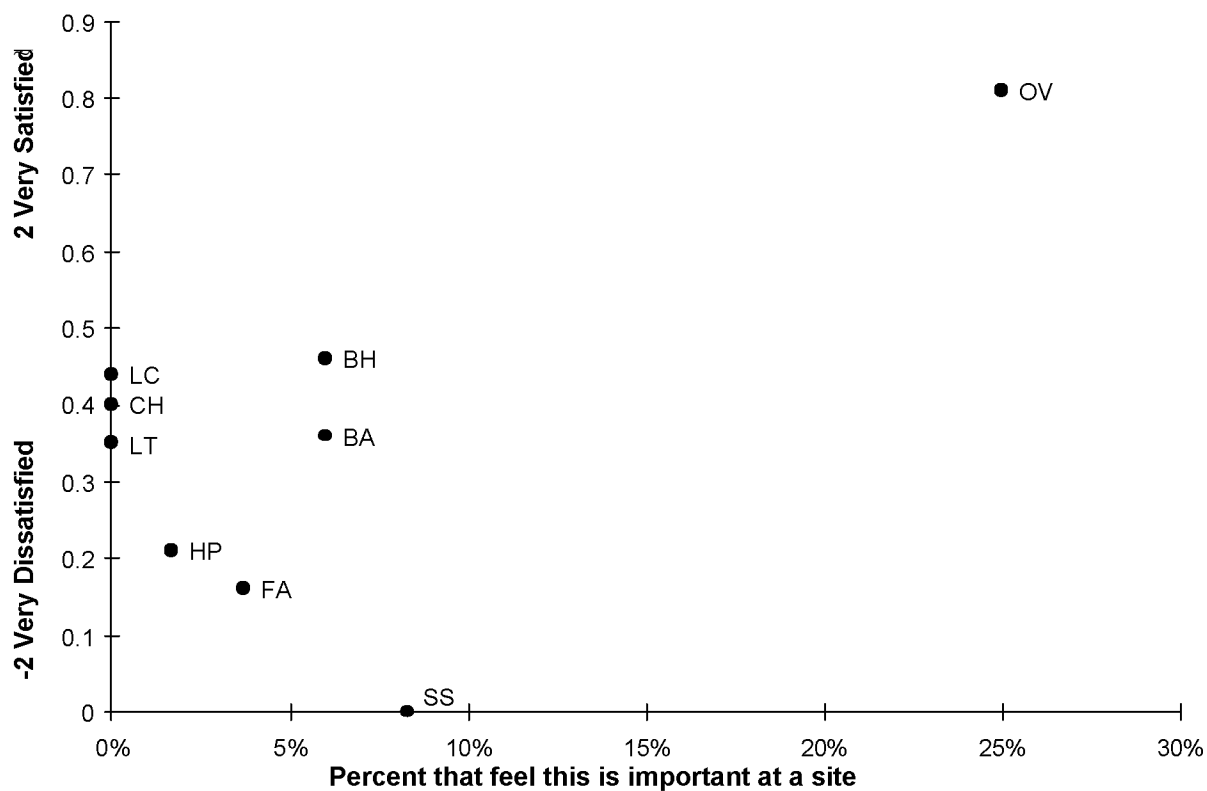
BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access



### Quality of interpretive and educational information

Visitors did not find the quality of the interpretive or educational information very important. In fact, less than 8% of visitors at most sites listed interpretive information as an important feature at a recreation site. However, 25% of Overlook visitors found it important and were the most satisfied (.81) of all visitors for this condition. Despite this, clearly the majority of Clark Canyon 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.

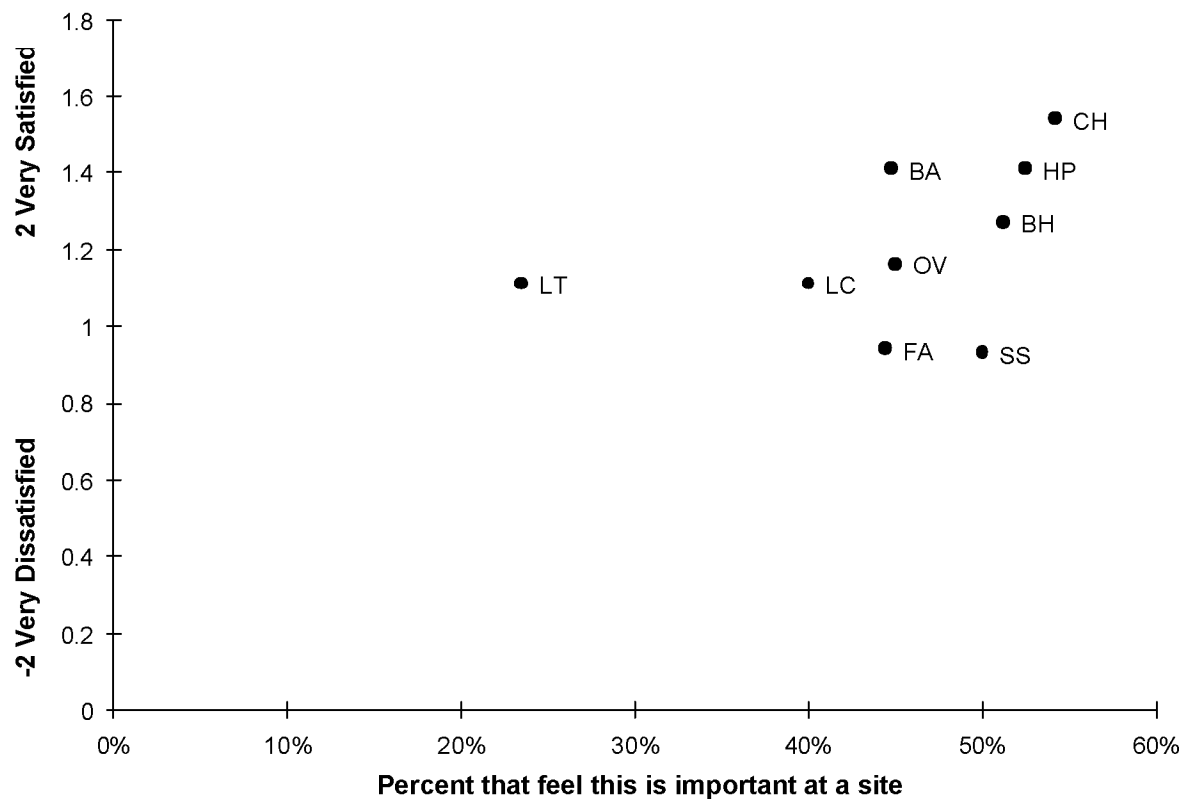
BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access



### Maintenance of facilities

The upkeep and maintenance of facilities was important to many visitors, with over 40% listing these conditions as important at most sites. Visitors to Lone Tree placed less importance on this condition, with only 24% of visitors responding. In general, most visitors were satisfied with these conditions, with scores ranging from .93 at South Shore to 1.54 at Cameahwait.

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



BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Cleanliness of area

A majority of visitors felt that the cleanliness of a recreation site was important. Scores ranged from 43% at Overlook to 67% at Cameahwait and Lewis and Clark. Satisfaction levels were generally high with the cleanliness of the campground sites. Visitors to the Fishing Access were somewhat less satisfied (.88) than other sites with the only satisfaction score below 1.

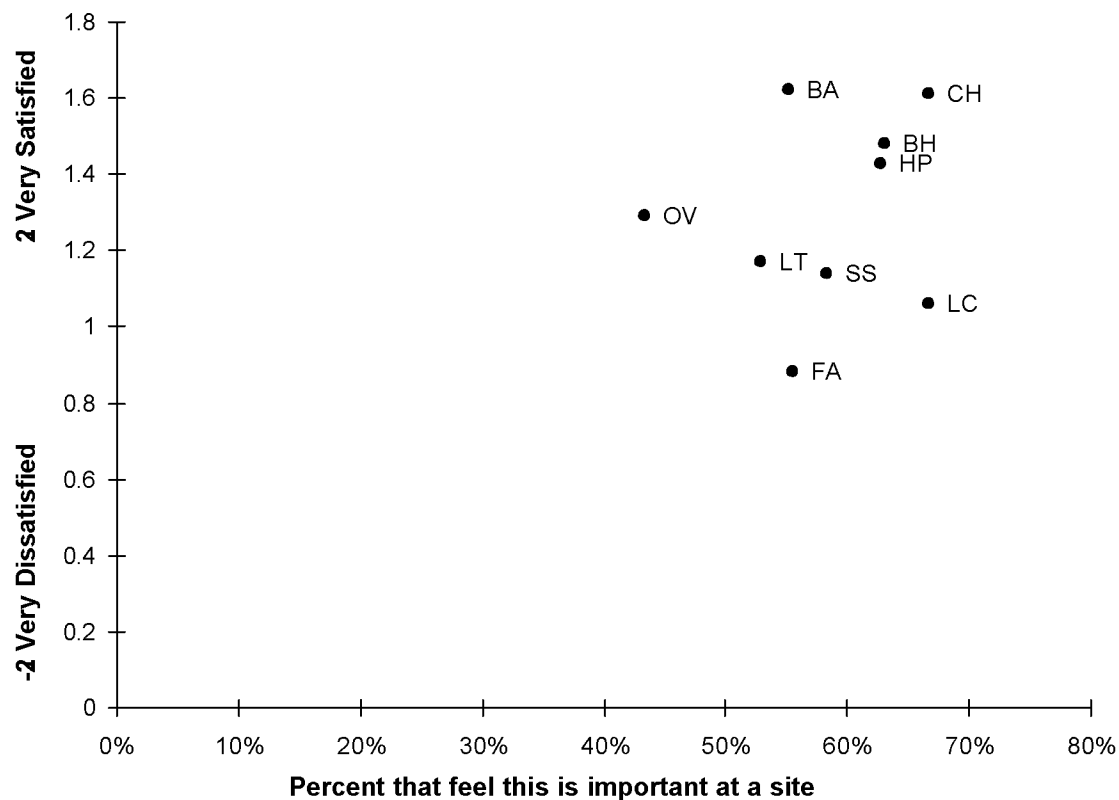
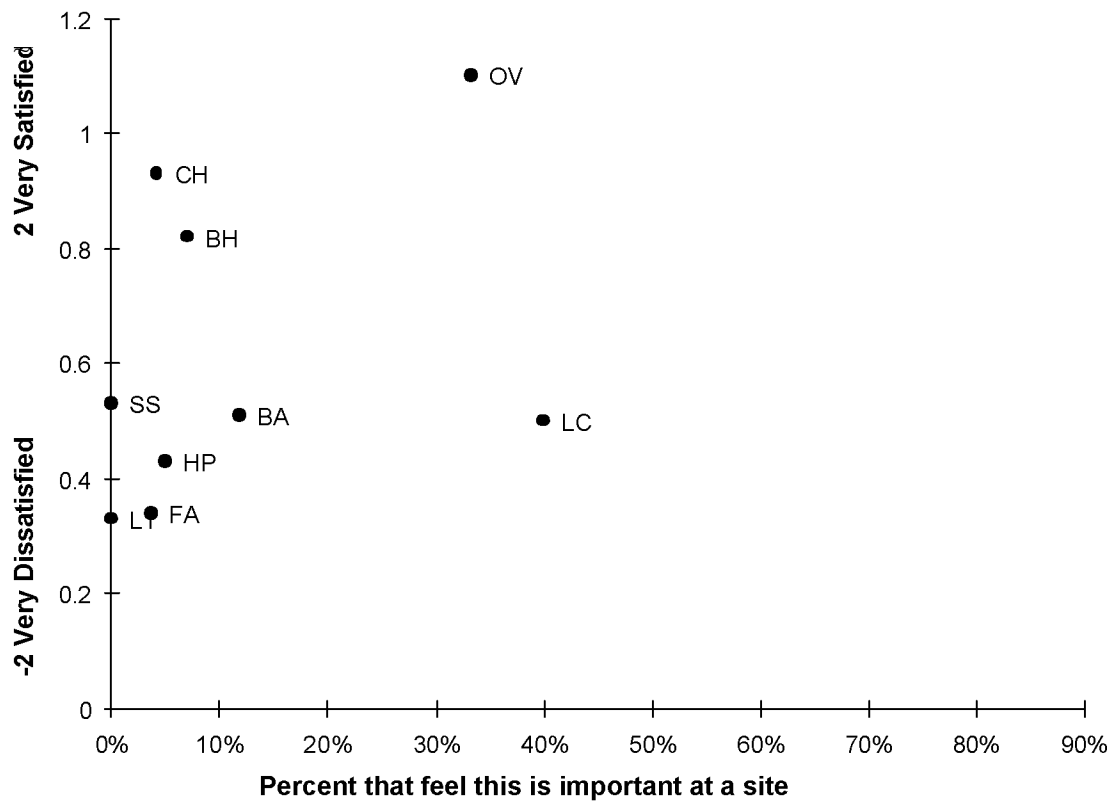


Figure 5. Importance of and satisfaction with the cleanliness of the area.

### 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 for these sites was also generally low. However, importance was higher at Overlook (33%) and Lewis and Clark (40%). For these sites, visitors were more satisfied with conditions at Overlook (1.1) than at Lewis and Clark (.5).

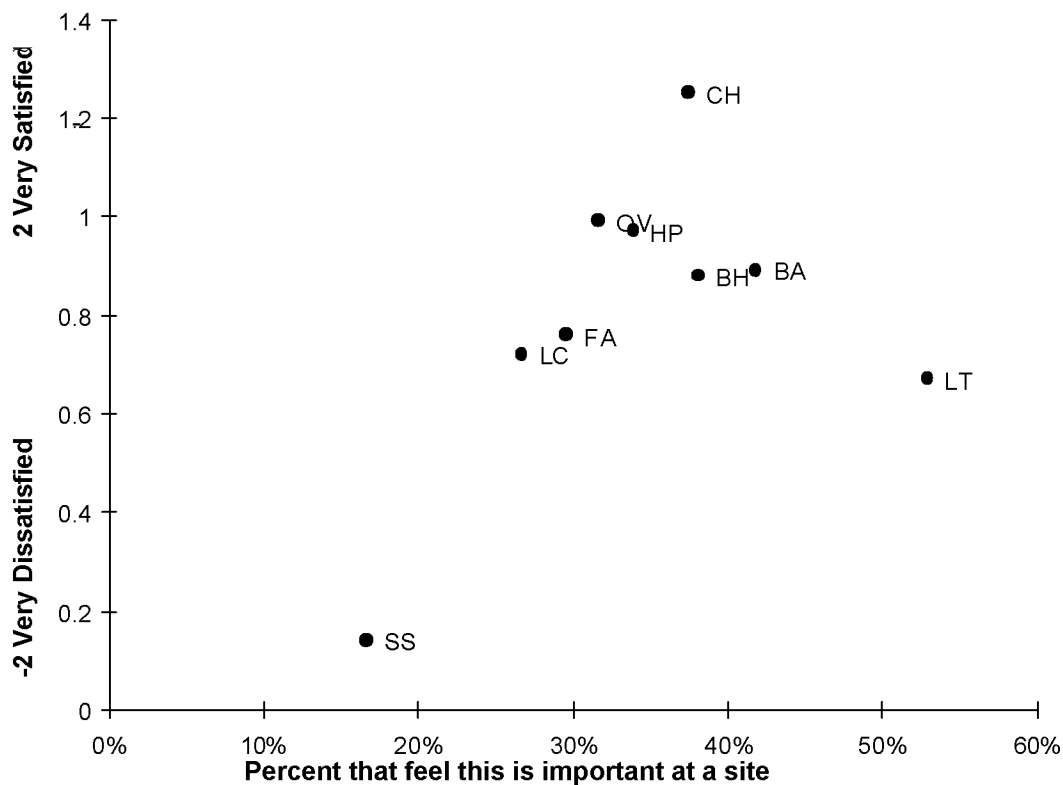


**Figure 6. Importance of and satisfaction with historical information.**

BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Privacy of the area

A significant proportion of the visitors felt that privacy of an area was important. At most sites, 27% to 41% listed privacy as important. However, more than 53% of visitors at Lone Tree felt it was important, and less than 17% felt it was important at the South Shore. In general, satisfaction scores were positive, ranging from 1.25 at Cameahwait to .14 at the South Shore.



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

BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Behavior of other people

Many visitors felt that the behavior of other people was a fairly important condition at a recreation site. Visitors at Cameahwait were the most satisfied with the behavior of other people (1.3), while visitors to the South Shore were the least satisfied (.29). In general, importance and satisfaction scores were similar at all of the other sites.

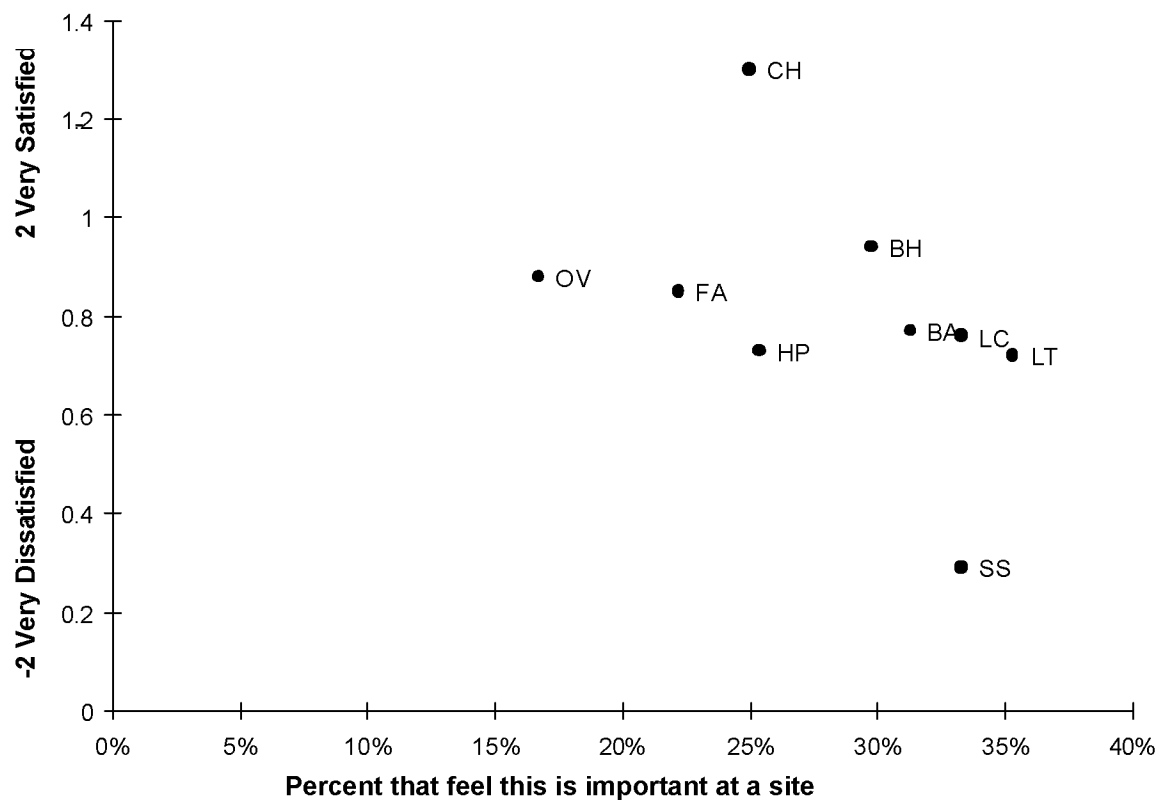
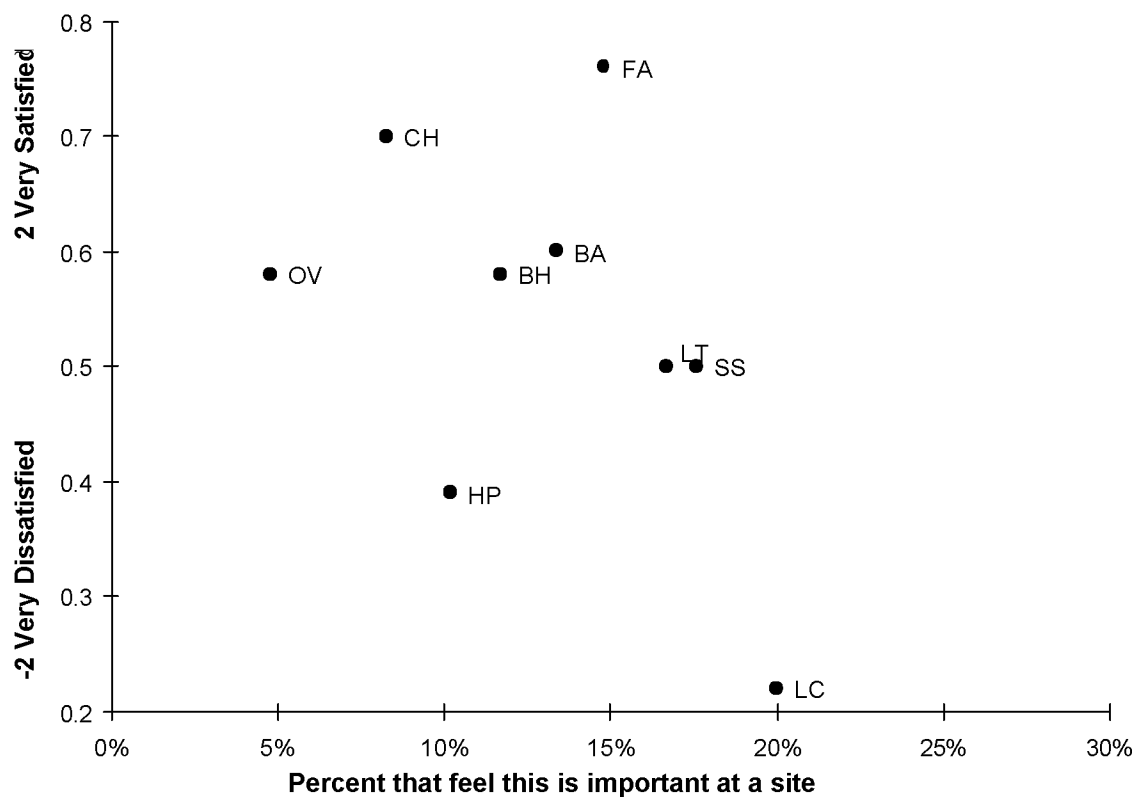


Figure 8. Importance of and satisfaction with the behavior of other people.

BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Conflict with other users

There appeared to be a very small amount of variability across sites for both importance and satisfaction for this condition. Less than 20% of visitors to all sites felt that conflict with other users was important. Satisfaction with conflicts ranged from a low of 0.22 at Lewis and Clark to a high of 0.76 at Fishing Access.



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

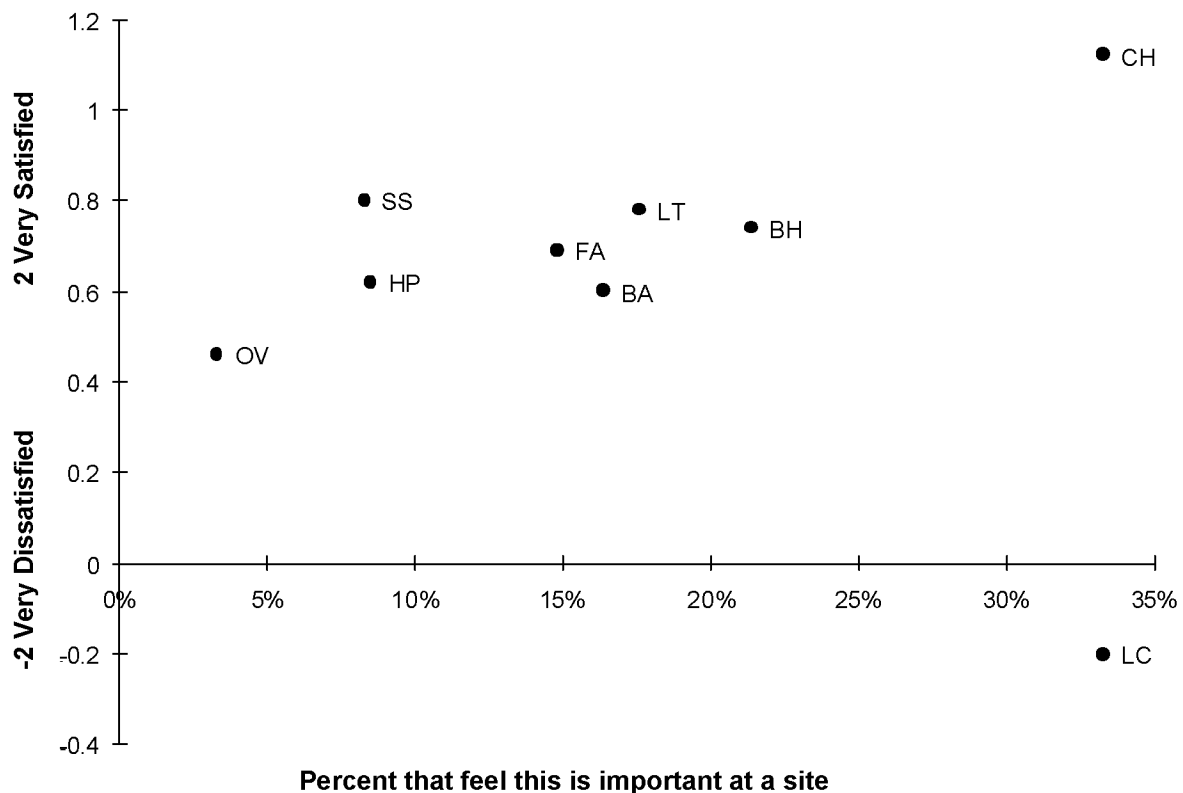
BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access



### Number of campsites within site or sound

The proportion of visitors who felt that the number of campsites within site or sound was important ranged from 3% at Overlook to 33% at Lewis and Clark and Cameahwait. Most sites had less than 22% of respondents feeling this condition was important. In general, satisfaction at all sites was relatively similar, with most scores between .6 and .8. However, Lewis and Clark had the lowest average satisfaction (-.2) 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**

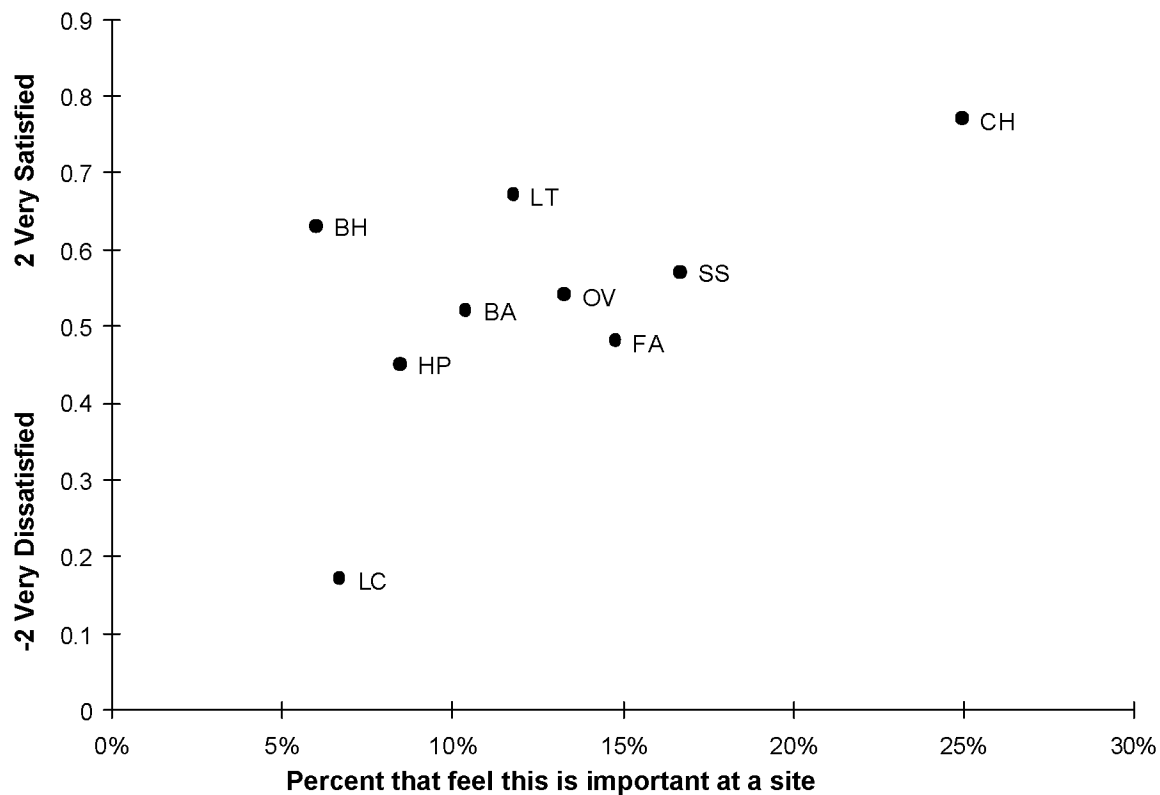


sound

BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Seeing and hearing others

At most sites, less than 17% of visitors indicated that seeing and hearing others was important. However, at Cameahwait, 25% indicated it was important. Satisfaction at most sites was slightly positive (.45 to .67), except at Cameahwait, where it was higher (.77), and at Lewis and Clark, where it was lower (.17).

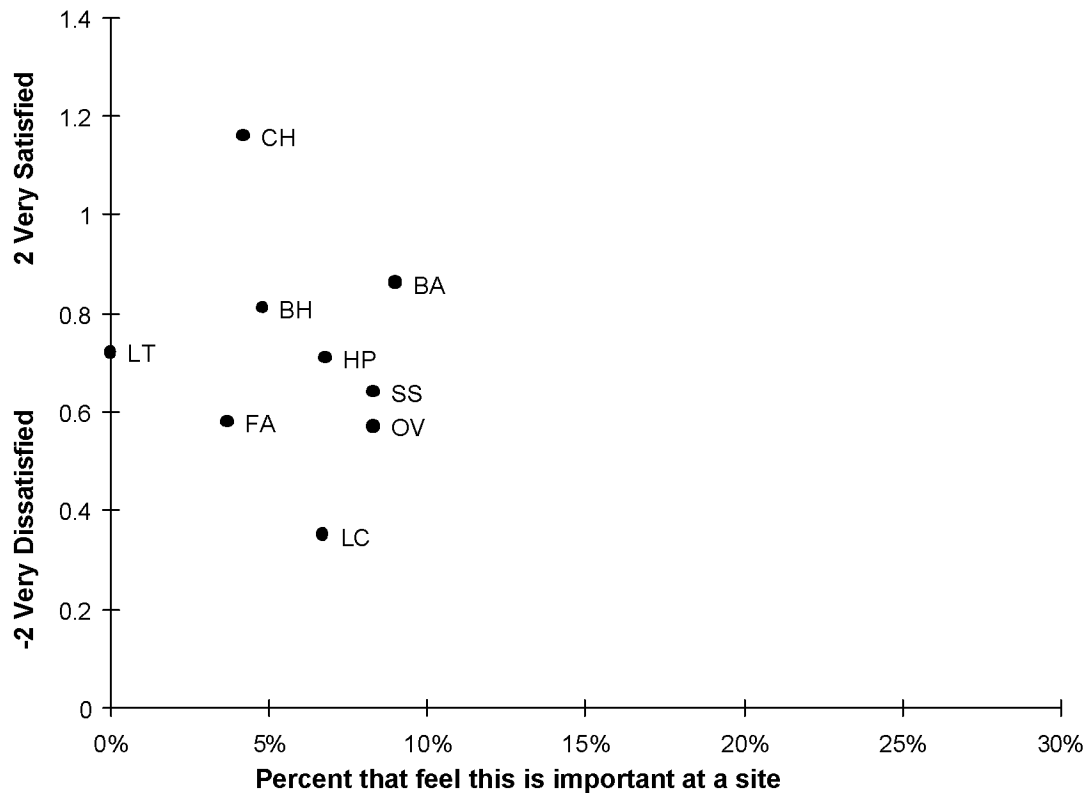


**Figure 11. Importance of and satisfaction with seeing and hearing others.**

BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Rules or restrictions

Less than 9% of visitors to Clark Canyon indicated that rules or restriction was an important feature at a recreation site. In general, only a small proportion of visitors at all sites felt that having rules was important. Despite this, satisfaction was fairly high with most scores ranging between .35 at Lewis and Clark to 1.16 at Cameahwait.



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

BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Condition of natural features

The proportion of visitors at most sites that felt the condition of the natural features at a recreation site was important ranged from 20% to 33%. However, visitors to South Shore (8%) and Lone Tree (12%) felt it was less important. While the proportion of visitors who indicated that natural features were important was variable, satisfaction scores were highly positive at most sites. Satisfaction was highest at Cameahwait (1.46) and lowest at the South Shore (.64).

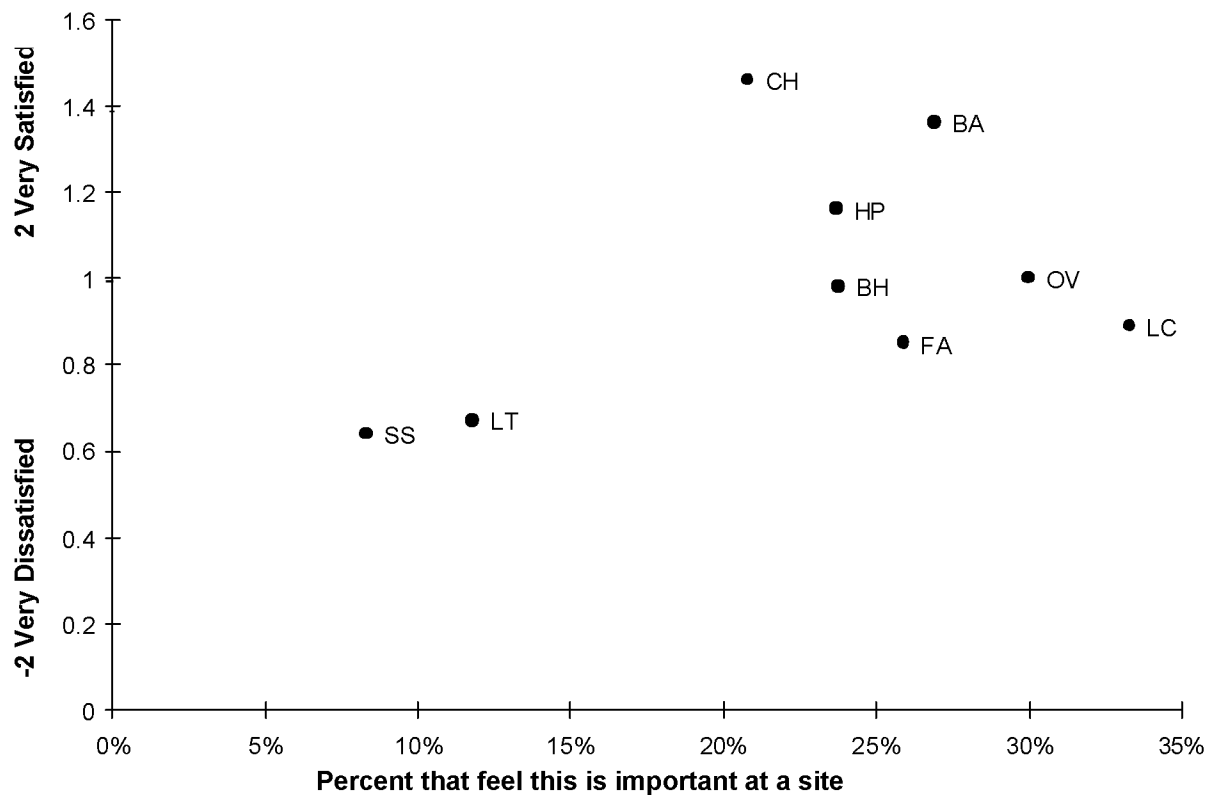
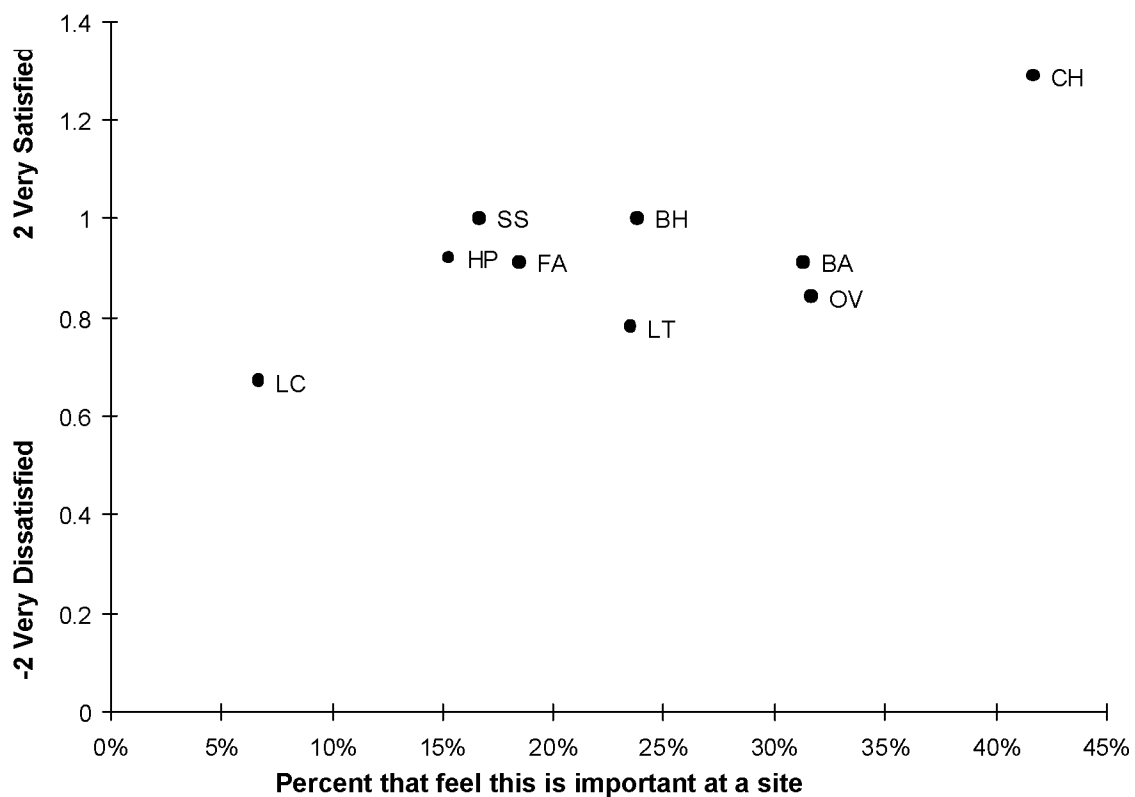


Figure 13. Importance of and satisfaction with the condition of the natural features.

### Degree of naturalness

Typically, between 15% and 31% of respondents indicated that the degree of naturalness was important. Generally, as importance went up, satisfaction remained constant around .8 to 1. Cameahwait had the highest proportion of importance (42%) and also the highest visitor satisfaction (1.29), while Lewis and Clark had the lowest proportion of importance (7%), and also the lowest average satisfaction (.67).

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



BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Appropriateness of development

The proportion of visitors who felt that the appropriateness of the development at a recreation site was important varied considerably among the sites. At Lone Tree, no respondents felt that the appropriateness of developments was important, while at Barretts, nearly 27% indicated that it was. Satisfaction scores were all positive and ranged from 1.22 at Cameahwait to .47 at Lewis and Clark.

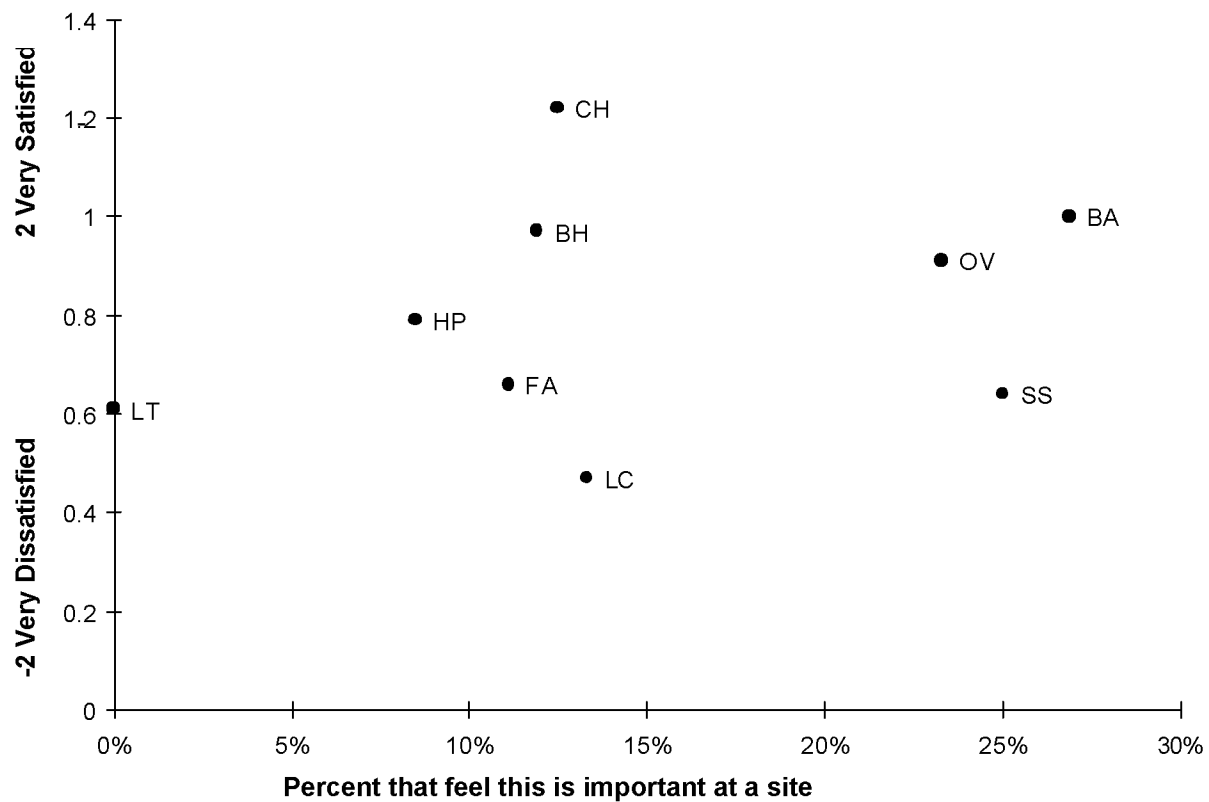
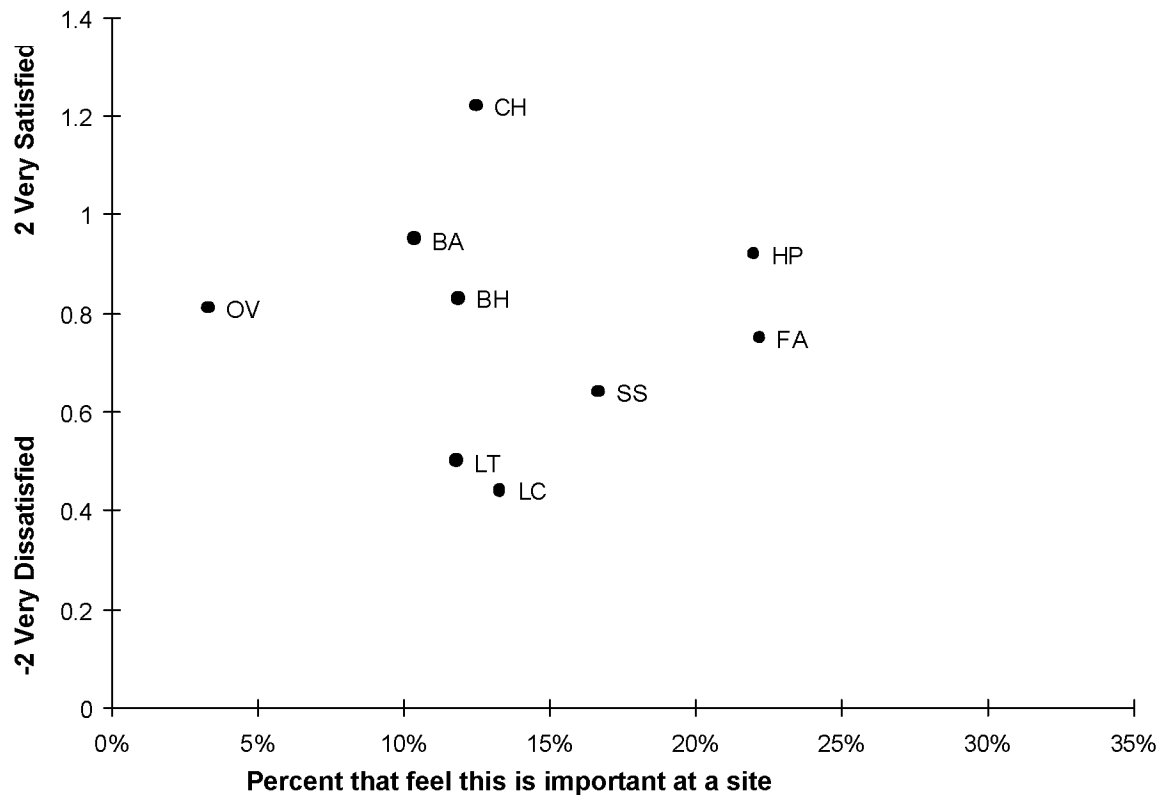


Figure 15. Importance of and satisfaction with the appropriateness of development.

BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Amount of development

Less than 22% of respondents felt that the amount of development was important at a recreation site. In general, satisfaction scores were positive and ranged from .44 at Lewis and Clark to 1.22 at Cameahwait. No discernable pattern was evident between importance and satisfaction for this condition.



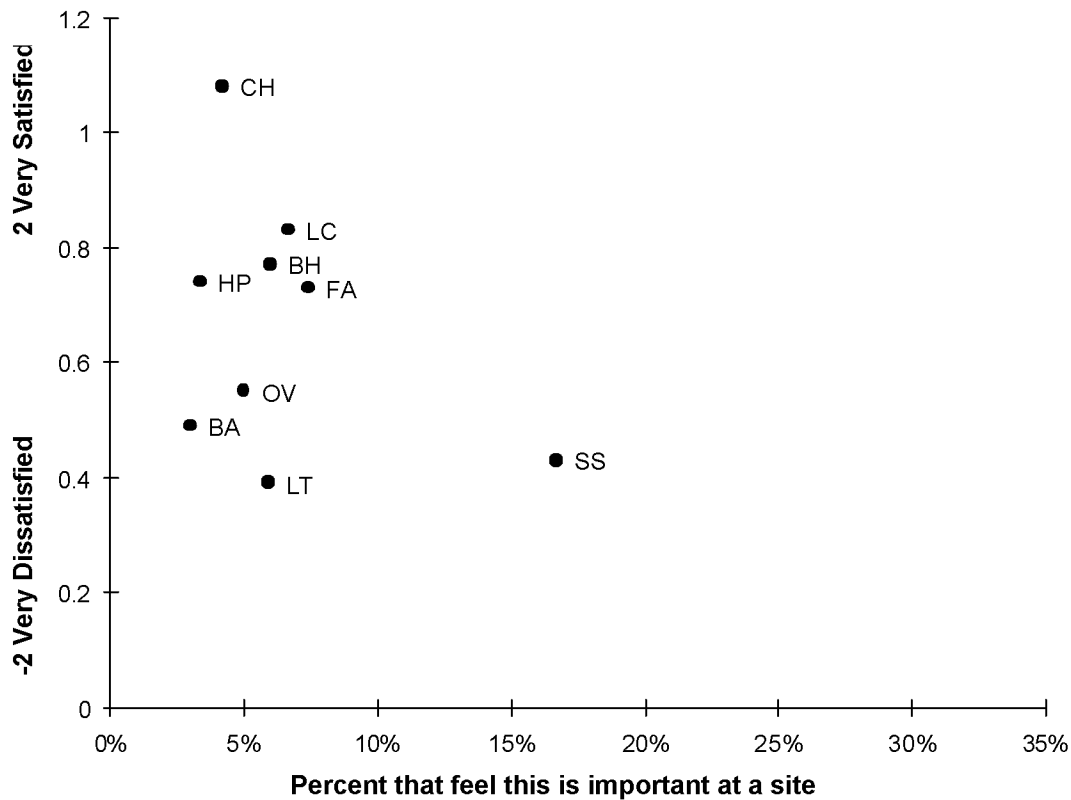
**Figure 16. Importance of and satisfaction with the amount of development.**

BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Amount of residential development visible from the water

Less than 8% of visitors at most sites indicated that the amount of residential development visible from the water was important. However, 17% of visitors to the South Shore sites felt this condition was important. Satisfaction was similar at most sites ranging from .39 to .83, but visitors to Cameahwait were more satisfied, reporting a score of 1.08.

**Figure 17. Importance of and satisfaction with the amount of residential development**



visible from the water.

BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access



### Number of fish caught

At nearly half the sites, a significant proportion of the visitors felt that the number of fish caught was important. This condition was most important at the Fishing Access (63%) and least important at Barretts (10%). Satisfaction levels were generally consistent among sites. Satisfaction was significantly higher at the Fishing Access than most other sites (.48), and near or at neutral for Overlook, Lewis and Clark, and Beaverhead. Visitors were slightly dissatisfied at the South Shore with a score of -.07.

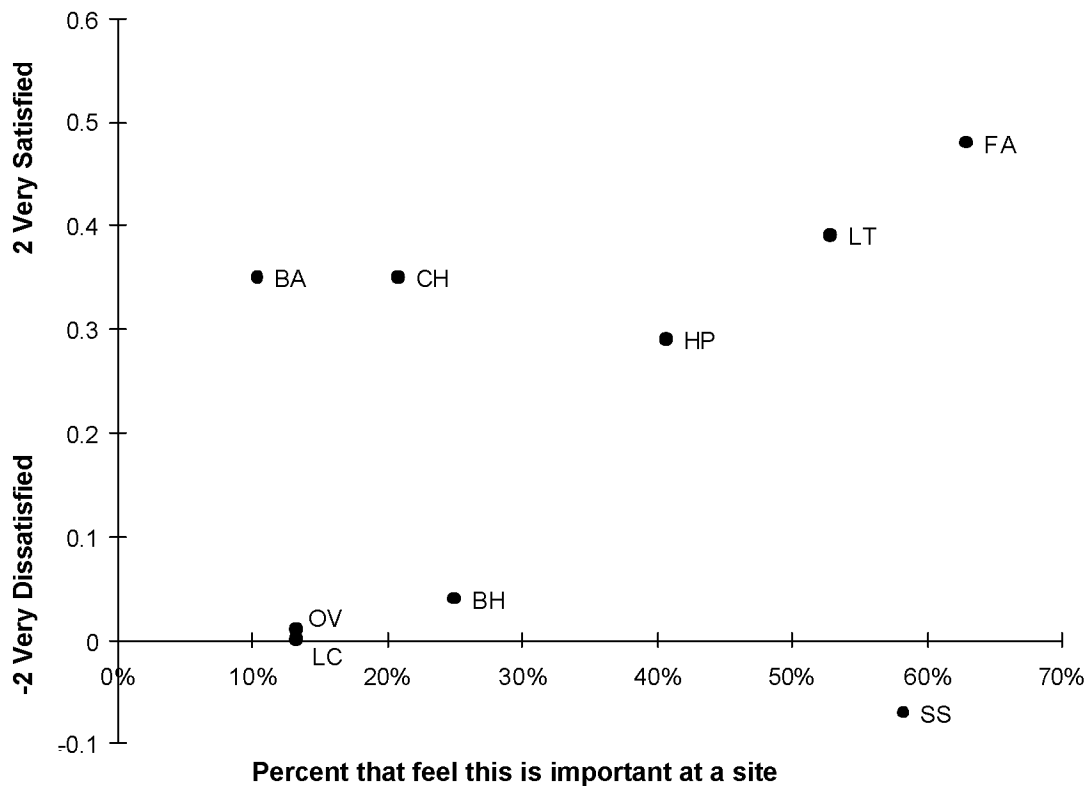


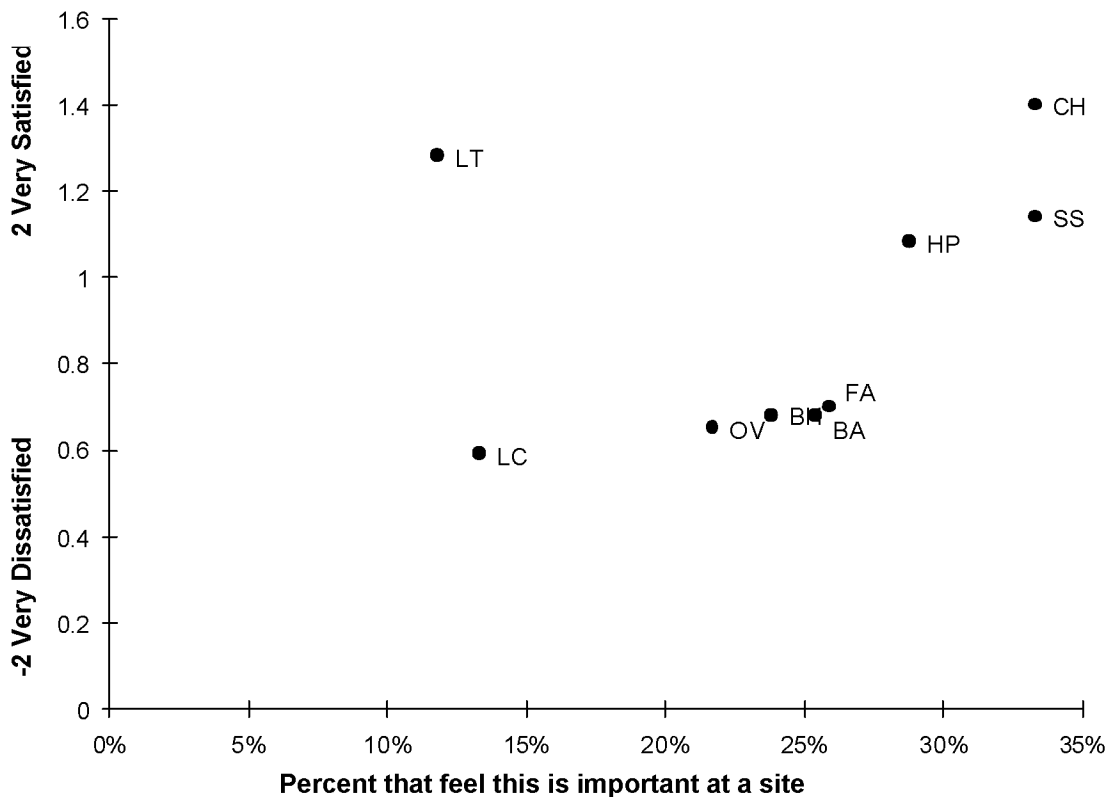
Figure 18. Importance of and satisfaction with the number of fish caught.

BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Opportunity to view wildlife

Between 21% and 33% of visitors felt that wildlife viewing was important at a recreation site. Only at Lone Tree (12%) and Lewis and Clark (13%) did fewer visitors feel this was important. Satisfaction scores were highest at Cameahwait (1.4), and lowest at Lewis and Clark (.59). The graph generally indicates that as important increased, satisfaction exponentially increased.

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

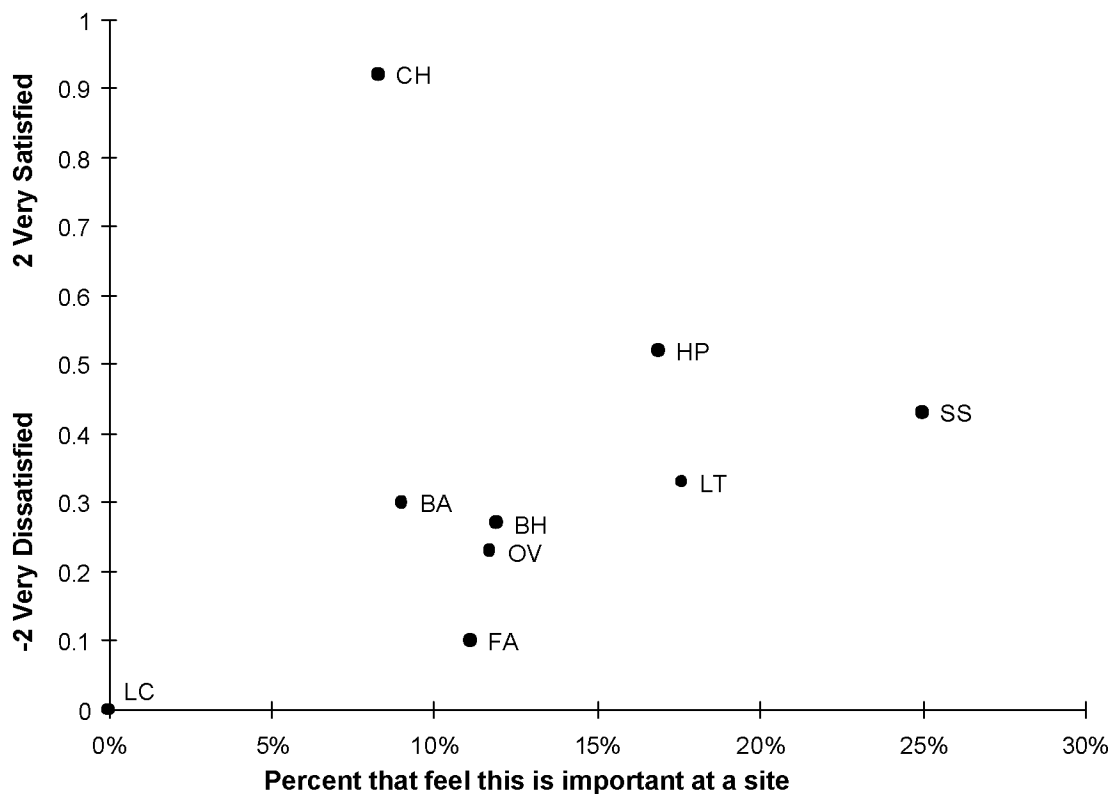


BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### Opportunity to hunt

Between 9% and 25% of visitors at most sites felt that the opportunity to hunt was important at a recreation site. Visitors to the South Shore felt it was the most important and visitors to Lewis and Clark felt it was not important at all. Satisfaction scores were highest at Cameahwait, where visitors reported a score of .92. Most other sites reported a satisfaction score between .1 and .52.

**Figure 20. Importance of and satisfaction with the opportunity to hunt.**



BA-Barretts	OV-Overlook	LT-Lone Tree
BH-Beaverhead	LC-Lewis & Clark	CH-Cameahwait
SS-South Shore	HP-Horse Prairie	FA-Fishing Access

### **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 Appendix Table B12. The additional facilities are reported by site along with the percentage of visitors suggesting that more facilities are needed.

In all but one site (Overlook) a least 40% of visitors felt a need to write in something on the question asking what additional facilities are needed. Interestingly, the response that was mentioned most frequently at every site was “none,” indicating that visitors would prefer the site to be left alone. Of those who felt that additional facilities were needed, showers, flush toilets, and potable waters were the most mentioned items. Other commonly cited needs included shade tree and electrical hookups. Despite these being the dominant suggestions, it is important to note that most suggestions received less than 5 responses per sites. This needs to be considered before management actions are taken.

#### ***Disabled Facility Needs***

Visitors were asked if additional facilities were needed to accommodate those with disabilities. Appendix 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 11% of all visitors felt that there was a need. Only at Lewis and Clark did 31% of visitors feel a need for more facilities, but this was from a small sample of 13 individuals. The most often mentioned disabled facility needs were handicapped accessible toilets, paved surfaces, better wheelchair accessibility, and better drinking water access.

### **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, hunters, and sailboats. Encounter levels and visitor evaluation of these encounters by site are shown in Appendix Table B14.

#### ***Canoes***

The majority of visitors did not encounter canoes on their trip. The proportion of visitors who did see canoes ranged from 2% at Horse Prairie to 19% at Fishing Access. Just under 9% of Fishing Access visitors and 3% of Barretts visitors reported they disliked their encounters. All of

the other respondents indicated that they either enjoyed seeing the canoes or did not mind seeing them.

### ***Powerboats***

Almost 44% of the visitors to the South Shore sites reported seeing powerboats, and 17% indicated that they disliked seeing them. The proportion of visitors to the sites at Clark Canyon that did not see powerboats ranged from 98% at Overlook to 50% at Lewis and Clark. Most of the visitors reported seeing under 5 boats. At Beaverhead, nearly 2% 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 South Shore.

### ***Water-skiers***

Most visitors did not encounter any waterskiers. However, 38% of visitors to Lewis and Clark and 11% of visitors to the South Shore did see 1 to 5 waterskiers on their visit. The majority of the visitors either enjoyed or did not mind seeing them.

### ***Jetskis***

Very few visitors at sites reported seeing jetskis except at Lewis and Clark, where 25% of visitors reported seeing 1 to 5 jetskis. Most visitors didn't mind seeing jet skis, but 15% of visitors to Cameahwait disliked seeing them.

### ***Bank Anglers***

Most visitors saw 5 or less bank anglers during the course of their visit. Fishing Access had the highest proportion of bank angler encounters, with over 84% reporting that they saw bank anglers. Only at the Fishing Access did visitors report they disliked encountering bank anglers, but that was still only 9%. The majority of visitors to all other sites did not mind encountering bank anglers.

### ***Wade Anglers***

Overall, most 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. Fishing Access and Lewis and Clark had the highest encounter rate among the sites, with about 77% and 38%, respectively, reporting encounters. The highest proportion of visitors that disliked seeing wade anglers was at Lone Tree (13%), while most sites didn't mind or enjoyed their encounters.

### ***Boat Anglers***

The majority of visitors to Fishing Access and Lone Tree reported encountering boat anglers. Visitors to most other sites encountered 5 or less boat anglers on their trip. At Fishing Access, 68% of visitors saw boat anglers and 14% disliked their encounters. While only 44% of South Shore visitors saw any boat anglers, 17% of them disliked their encounters. In general, most visitors did not mind encountering boat anglers on their visit.

### ***River Floaters***

Not surprisingly, visitors at Fishing Access (64%) and Barretts (21%) were most likely to encounter any river floaters. Of the visitors who did see river floaters, they generally encountered from one to five, however at Fishing Access, 29% did see over six floaters. For the most part, visitors did not mind encountering river floaters, except at Lone Tree where 13% disliked their encounters .

### ***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 Fishing Access and Overlook with about 22% each. Most visitors either enjoyed seeing or did not mind seeing the livestock. However, 6% of Overlook visitors who saw livestock reported that they disliked their encounters.

### ***Shoreline Development***

At most sites, 70% of visitors did not notice shoreline development. However, 37% of visitors to Lewis and Clark and 29% at Fishing Access did see development. The proportion of visitors who disliked seeing shoreline development was highest at Fishing Access, where 17% of visitors disliked seeing shoreline development. Most other visitors did not mind seeing development or felt the question was not applicable.

### ***Hunters***

At most sites, less than 10% of visitors encountered hunters. The highest proportion of visitors to encounter hunters was at Cameahwait and the South Shore (23% and 22%, respectively). Of these visitors, most encountered less than 5 hunters during their visit. Most visitors felt the question of rating encounters was not applicable, but 13% of visitors to Cameahwait did report they disliked encountering hunters.

### ***Sailboats***

Only visitors at Lewis and Clark (13%) and Horse Prairie (2%) encountered sailboats. These visitors encountered less than 5 boats during their visit. Overall, most visitors felt the question of rating encounters was not applicable, but 9% of visitors to Lewis and Clark did report they disliked encountering sailboats.

## **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. Appendix 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 1.22 at Lewis and Clark to a high of 2.73 at Fishing Access.

At Lone Tree and the South Shore sites, 21% and 36% of visitors reported feeling slightly crowded. Fishing Access and Barretts had the greatest proportions of visitors who felt extremely crowded, with 3% and 1%, respectively. When asked where the crowding occurred, the river was mentioned by eight visitors at Fishing Access and four visitors at Barretts. Appendix Table B.16 shows crowding by site even though crowding does not appear to be an issue at Clark Canyon.

### **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.

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 area, visitors were next asked how they would react to the potential closure of the site in which they were interviewed.

### ***Reasons for Displacement***

Appendix Table B17 shows the percent of visitors who said there were recreation sites they no longer visited and the reasons for their displacement. Overall, less than 8% of visitors indicated that there were recreation sites that they no longer visited. Crowding was the most often cited

reasons for no longer visiting. It is important to note that most visitors commenting on being displaced were sampled at Barretts. All other sites accounted for very few responses.

### ***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 (Appendix Table B18). The majority of the visitors simply said they would visit another site in this area. This illustrates that visitors perceived that there were alternatives or substitute sites available at the reservoir. Fewer visitors said they would visit a site somewhere else, except at Lewis and Clark, where over one third of visitors chose this option. Visitors may have felt that many alternatives were present at the reservoir 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 sites, with over one third of visitors to Overlook providing this response. Few visitors indicated that they would stay at home, except at Lone Tree and South Shore, where about 28% and 33% 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 10% 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. The scale used on these questions ranged from -2 strongly disagree to +2 strongly agree.

Appendix Table B19 shows the average scores to the place attachment questions by site. In general, the Lone Tree and South Shore visitors appear to have a greater attachment to place than the other 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."

#### **1.7.11 Expenditures**

Respondents were asked to provide expenditure information for their trip. Visitors that spent an overnight at a Clark Canyon site had higher overall expenditures than day users (Table 2). Overnights spent the most on groceries/snacks (\$54.98), followed closely by gasoline/oil (\$54.59), and retail goods (\$39.38). Day users' largest expenditures included motel/hotel



(\$39.73), gasoline/oil (\$31.34), and restaurant/bar (\$25.26). Overnight visitors spent 35 percent more on their trip than day users (\$248.74 versus \$184.07).

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

	Overnight	Day Use
N	192	283
Motel/hotel/BB	\$10.47	\$39.73
Campground/RV parks	6.00	10.05
Guides/outfitters**	11.80	19.47
Licenses/entrance fees	20.35	10.91
Auto/RV rental/repairs	22.59	7.82
Transportation expenses	.00	.25
Gasoline/oil	54.59	31.34
Restaurant/bar	25.31	25.26
Groceries/snacks	54.98	23.49
Retail goods	39.38	13.42
Other expenses	3.27	2.33
Total trip expenditures	\$248.74	\$184.07

\*Expenditures are calculated by delimiting expenditure category figures to 95<sup>th</sup> percentile values, and then calculating the mean average expenditures for the selected groups.

\*\*Figures reflect typically high expenditures for guiding and outfitting services by a small number of visitors.

Whether visitors were Montana residents or not also had an effect on expenditure levels. Table 3 shows the average trip expenditures for Montana residents and nonresidents. Residents spent the most on gasoline/oil (\$24.65), groceries/snacks (\$23.26), and restaurant/bar (\$12.45) while nonresidents' top expenditures were gasoline/oil (\$57.51), groceries/snacks (\$49.02), followed by motel/hotel (\$46.07). Total expenditures for residents were less than \$90 while nonresidents spent over \$330 on their trip.

**Table 3. Average Group Trip Expenditures\* by Residency Status.**

	Residency	
	Montana	Nonresident
N	231	228
Motel/hotel/BB	\$7.21	\$46.07
Campground/RV parks	1.02	16.17
Guides/outfitters**	2.60	33.22
Licenses/entrance fees	6.34	24.42
Auto/RV rental/repairs	.93	23.84
Transportation expenses	.04	.13
Gasoline/oil	24.65	57.51
Restaurant/bar	12.45	37.30
Groceries/snacks	23.26	49.02
Retail goods	9.82	37.90
Other expenses	.97	4.65
Total expenditures	\$89.29	\$330.23

\*Expenditures are calculated by delimiting expenditure category figures to 95<sup>th</sup> percentile values, and then calculating the mean average expenditures for the selected groups.

\*\*Figures reflect typically high expenditures for guiding and outfitting services by a small number of visitors.

Visitor respondents were also asked to give the locations of the expenditures they made on their trip (Table 4). As expected, most of the expenditures occur in relatively close proximity to the reservoir. Expenditures made in Dillon make up nearly half (47.2%) of all trip expenditures, with another 8.8 percent of purchases made in Butte and 4.6 percent in Missoula. The top ten locations in the table make up 79.9% of all 76 reported expenditure locations.

**Table 4. Top Ten Trip Expenditure Locations.**

<b>Location</b>	<b>Percent of N</b>
N	255
Dillon	47.2%
Butte	8.8
Missoula	4.6
Lima	3.8
Bozeman	3.4
Great Falls	3.4
Helena	2.9
West Yellowstone	2.4
Hamilton	2.2
Twin Bridges	1.2
Total	79.9%

## 2 - Estimates of Use at Selected Sites

### 2.1 Introduction

Use estimates for visitation at Clark Canyon and Barretts are based on traffic counters at various sites around the reservoir. Counts were recorded by BOR employees each month. Three of the campgrounds had length of stay and visitor state of residence recorded by campground hosts. Those results are compared with the survey results.

### 2.3 Estimates of Use by Site

The following table (Table 5) contains the estimates of use by survey site as recorded from traffic counters. The numbers in the table represent adjusted numbers. Adjustments were made as follows: The total traffic count per month was recorded, divided by two, then multiplied by 70 percent to reflect management travel over the counters. The use estimates represent the sites for the calendar year 2003.

**Table 5. Traffic Counter Adjusted Use Numbers by Site and Month**

	Barrett s	Beaver- head	Fishing Access	L&C	Horse Prairie	Came- ahwait	W. Came- ahwait	Hap Hawkins	Lone Tree	TOTAL
<b>Year Total</b>	<b>10,004</b>	<b>10,243</b>	<b>3042</b>	<b>1021</b>	<b>2155</b>	<b>1653</b>	<b>886</b>	<b>962</b>	<b>1110</b>	<b>31,076</b>
Jan.	175	366	66	23	194	60	27	41	36	988
Feb.	291	285	34	25	85	64	25	25	32	866
Mar.	223	360	16	41	86	79	34	27	58	924
Apr.	637	693	106	75	226	119	75	63	80	2074
May	875	1055	305	96	168	156	100	81	132	2968
June	2064	1940	751	180	347	331	118	81	168	5980
July	1987	1532	591	195	260	139	97	116	144	5061
Aug.	1825	1587	397	191	255	209	205	102	114	4885
Sept.	828	891	205	116	128	166	32	53	76	2495
Oct.	497	791	148	79	140	137	77	196	123	2188
Nov.	369	485	265	0	142	138	68	137	103	1707
Dec.	233	258	158	0	124	55	28	40	44	940

Table 5 reflects length of stay as recorded by the campground host as well as the survey results. The apparent difference in length of stay is likely to be a result of the respondent recording a length of stay beyond staying just at that site. The percent of visitors from Montana likely differs between the two methods of collection because the survey does include day use visitors as well.

**Table 6. Campgrounds: Survey Results vs Campground Host Results**

	<b>Barretts</b>		<b>Beaverhead</b>		<b>Cameahwait</b>	
	<b>Survey*</b>	<b>Camp Host</b>	<b>Survey</b>	<b>Camp Host</b>	<b>Survey</b>	<b>Camp Host</b>
<b>Length of stay</b>	4.97 nights	2 nights	3.28	2.6 nights	4.0 nights	2.8 nights
<b>% from MT</b>	50%	30%	50%	40%	70%	40%

\*Surveys could have been conducted on day use visitors as well as overnight visitors

## **Appendix A**

### **2003-'04 Canyon Ferry/Clark Canyon Questionnaire (summer)**

## **Appendix B - Visitor Survey Results for Ciark Canyon**

Table B.1 Visitor Characteristics by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
age	51	56	41	51	40	53	49	50	52
gender									
male	77.4%	74.1%	81.8%	67.1%	66.7%	80.3%	63.0%	73.7%	100.0%
female	22.6%	25.9%	18.2%	32.9%	33.3%	19.7%	37.0%	26.3%	-
highest level of education completed									
Elementary	-	1.9%	-	1.1%	-	-	-	-	-
High School	21.2%	27.8%	24.2%	15.9%	33.3%	37.5%	37.0%	31.6%	40.0%
College	55.3%	39.8%	36.4%	42.0%	33.3%	40.6%	48.1%	52.6%	46.7%
Post Grad	23.5%	30.6%	39.4%	40.9%	33.3%	21.9%	14.8%	15.8%	13.3%
primary occupation									
professional	23.8%	28.2%	38.7%	43.2%	41.2%	25.0%	29.6%	5.3%	26.7%
managerial	8.3%	6.4%	12.9%	11.4%	5.9%	7.8%	7.4%	15.8%	-
sales	6.0%	1.8%	3.2%	4.5%	17.6%	4.7%	3.7%	5.3%	-
clerical	-	1.8%	-	2.3%	-	-	-	-	-
craftsman	8.3%	7.3%	19.4%	4.5%	-	14.1%	11.1%	10.5%	13.3%
operatives	1.2%	-	3.2%	-	-	-	3.7%	-	6.7%
transport	2.4%	2.7%	-	-	-	1.6%	7.4%	5.3%	-
laborer	3.6%	1.8%	6.5%	3.4%	5.9%	6.3%	7.4%	10.5%	6.7%
service worker	1.2%	2.7%	-	1.1%	-	1.6%	3.7%	10.5%	13.3%
farmer/rancher	4.8%	1.8%	3.2%	1.1%	-	3.1%	-	5.3%	-
farm/ranch laborer	-	-	-	-	-	1.6%	-	-	-
armed services	2.4%	0.9%	-	-	-	-	-	-	-
homemaker	4.8%	2.7%	-	3.4%	-	1.6%	3.7%	-	-
student	8.3%	1.8%	3.2%	3.4%	5.9%	-	7.4%	5.3%	-
retired	23.8%	37.3%	9.7%	20.5%	23.5%	28.1%	14.8%	26.3%	33.3%
unemployed/disabled	1.2%	2.7%	-	1.1%	-	4.7%	-	-	-
household income before taxes									
less than \$10,000	8.8%	2.3%	7.1%	2.7%	5.9%	3.6%	13.0%	8.3%	8.3%
\$10,000-\$19,999	13.2%	5.7%	-	1.4%	29.4%	7.1%	4.3%	8.3%	33.3%
\$20,000-\$29,999	20.6%	20.5%	14.3%	11.0%	-	23.2%	21.7%	-	8.3%
\$30,000-\$39,999	10.3%	13.6%	14.3%	15.1%	5.9%	10.7%	8.7%	25.0%	16.7%
\$40,000-\$49,999	5.9%	21.6%	10.7%	9.6%	29.4%	17.9%	-	41.7%	8.3%
\$50,000-\$59,999	14.7%	10.2%	10.7%	8.2%	-	14.3%	13.0%	-	-
\$60,000-\$69,999	5.9%	8.0%	7.1%	2.7%	5.9%	7.1%	13.0%	8.3%	8.3%
\$70,000 or more	20.6%	18.2%	35.7%	49.3%	23.5%	16.1%	26.1%	8.3%	16.7%
N	89	122	33	95	19	67	28	20	15

Table B.2 Visitor State of Residence by Site

	Site Name									
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore	Total
home state										
Alabama	1	1	-	-	-	-	1	-	-	3 (.7%)
Alaska	1	-	-	3	-	-	-	-	-	4 (.9%)
Arizona	3	2	-	4	1	1	1	1	-	13 (2.8%)
Arkansas	-	-	1	-	-	-	-	-	-	1 (.2%)
California	-	8	3	10	1	-	1	1	-	24 (5.2%)
Colorado	1	-	-	3	-	1	-	-	-	5 (1.1%)
Connecticut	-	-	-	1	-	-	-	-	-	1 (.2%)
Florida	1	=	=	=	=	=	1	=	=	2 (.4%)
Goergia	1	=	1	=	=	=	=	=	=	2 (.4%)
Idaho	4	9	1	10	3	4	2	7	2	42 (9.2%)
Illinois	-	-	-	3	-	-	-	-	-	3 (.7%)
Indiana	1	-	-	-	-	-	-	-	-	1 (.2%)
Iowa	-	-	1	1	-	-	-	-	-	2 (.4%)
Kansas	-	-	-	1	-	-	-	-	-	1 (.2%)
Louisiana	-	1	-	-	-	1	-	-	-	2 (.4%)
Maryland	=	=	=	3	=	=	=	=	=	3 (.7%)
Michigan	=	=	=	=	1	=	=	=	=	1 (.2%)
Minnesota	-	-	1	1	-	-	-	-	1	3 (.7%)
Missouri	1	1	-	-	-	-	-	-	-	2 (.4%)
Montana	44	56	10	27	8	50	16	10	10	231 (50.3%)
Nevada	4	2	-	-	-	-	-	-	-	6 (1.3%)
New Jersey	-	1	-	1	-	-	-	-	-	2 (.4%)
North Dakota	-	-	-	1	-	-	-	-	-	1 (.2%)
Ohio	1	3	-	1	-	1	-	-	-	6 (1.3%)
Oklahoma	-	-	-	1	-	-	-	-	-	1 (.2%)
Oregon	1	2	3	5	=	=	=	=	1	11 (2.4%)
Pennsylvania	1	1	=	2	=	=	=	=	=	5 (1.1%)
Tennessee	1	=	=	=	=	=	=	=	1	1 (.2%)
Texas	-	2	1	3	1	-	-	-	-	8 (1.7%)
Utah	8	10	9	5	1	1	2	-	-	36 (7.8%)
Virginia	1	-	-	-	-	-	-	-	-	1 (.2%)
Washington	3	4	-	1	2	3	-	-	-	13 (2.8%)
Wisconsin	1	1	-	-	-	1	-	-	-	3 (.7%)
Wyoming	-	4	1	1	-	1	-	-	-	7 (1.5%)
Alberta	2	1	1	-	-	1	-	-	-	5 (1.1%)
British Colombia	1	-	-	-	-	-	-	-	-	1 (.2%)
Manitoba	-	1	-	-	-	-	-	-	-	1 (.2%)
Ontario	-	-	-	1	-	-	-	-	-	1 (.2%)



Table B.2 Visitor State of Residence by Site

	Site Name									
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore	Total
Austria	-	-	-	-	-	1	-	-	-	1 (.2%)
France	-	-	-	1	-	-	-	-	-	1 (.2%)
US/general	1	=	=	=	=	=	1	=	=	2 (.4%)
N	89	122	33	95	19	67	28	20	15	

Table B.3 Montana County of Residence by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis & Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
MTCNTY									
Carbon	-	1.9%	11.1%	-	-	-	-	-	-
Park	-	-	11.1%	-	-	-	-	-	-
Yellowstone	2.3%	1.9%	-	3.8%	-	-	-	-	-
Valley	2.3%	=	=	=	=	=	=	=	=
Rosebud	-	-	-	3.8%	-	-	-	-	-
Cascade	6.9%	3.8%	-	-	-	2.0%	-	-	-
Teton	-	1.9%	-	-	-	-	-	-	-
Toole	-	-	-	3.8%	-	-	-	-	-
Hill	-	1.9%	-	-	11.1%	-	-	-	-
Blaine	2.3%	-	11.1%	-	-	-	-	-	-
Lewis&Clark	2.3%	11.4%	-	3.8%	-	-	-	-	-
Jefferson	-	1.9%	-	3.8%	-	-	6.3%	-	-
Silver Bow	2.3%	30.7%	-	7.7%	22.2%	8.2%	18.8%	30.0%	22.2%
Madison	6.9%	-	-	3.8%	-	2.0%	6.3%	10.0%	-
Deer Lodge	-	-	-	-	-	4.1%	-	-	-
Gallatin	4.7%	1.9%	11.1%	11.5%	11.1%	2.0%	-	-	-
Powell	-	-	-	-	-	2.0%	-	-	-
Beaverhead	41.9%	19.2%	11.1%	42.3%	44.4%	53.1%	25.1%	40.0%	77.8%
Missoula	6.9%	1.9%	22.2%	7.7%	-	4.0%	18.6%	10.0%	-
Ravalli	6.9%	19.1%	11.1%	3.8%	11.1%	14.3%	12.6%	-	-
Sanders	2.9%	-	11.1%	-	-	2.0%	-	10.0%	-
Lake	-	-	-	-	-	2.0%	12.5%	-	-
Flathead	11.6%	1.9%	-	3.8%	-	2.0%	-	-	-
Lincoln	=	=	=	=	=	2.0%	=	=	=
N	43	52	9	26	9	49	16	10	9

Table B.4 Group Characteristics by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
group type									
alone	24.1%	15.0%	15.2%	19.3%	5.6%	21.2%	7.4%	10.5%	26.7%
family	34.5%	61.9%	33.3%	61.4%	50.0%	36.4%	48.1%	47.4%	26.7%
friends	20.7%	13.3%	30.3%	11.4%	27.8%	28.8%	14.8%	36.8%	26.7%
family and friends	13.8%	9.7%	12.1%	6.8%	11.1%	12.1%	25.9%	5.3%	20.0%
outfitted guests	4.6%	-	9.1%	-	-	1.5%	-	-	-
business associates	2.3	-	-	1.1	5.6	-	3.7	-	-
Group size	3.9	2.81	3.82	2.62	3.44	2.91	5.26	3.95	2.53
# of males in group?	2.1	1.59	2.84	1.46	1.75	1.91	2.52	2.44	1.93
# of females in group?	1.96	1.47	2	1.59	1.64	1.68	2.37	2.22	1.4
# of children (16 and under) in group?	3.47	2.6	3.75	1.78	2.75	2.36	4.44	2.75	2
N	89	122	33	95	19	67	28	20	15

Table B.5 Visitor Site Characteristics by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
first visit?									
yes	32.2%	33.9%	39.4%	58.9%	38.9%	11.9%	39.3%	-	13.3%
no	67.8%	66.1%	60.6%	41.1%	61.1%	88.1%	60.7%	100.0%	86.7%
number of visits to this site before today									
1 to 5	37.9%	32.1%	27.3%	42.5%	60.0%	31.6%	33.3%	-	7.1%
6 to 10	17.2%	16.7%	22.7%	10.0%	-	5.3%	16.7%	15.0%	14.3%
more than 10	44.8%	51.3%	50.0%	47.5%	40.0%	63.2%	50.0%	85.0%	78.6%
Years visiting this site									
less than 1	8.9%	9.0%	9.5%	7.7%	20.0%	5.2%	10.5%	5.0%	7.1%
1 to 2	10.7%	5.1%	4.8%	7.7%	10.0%	6.9%	10.5%	-	-
3 to 5	26.8%	10.3%	19.0%	15.4%	20.0%	6.9%	15.8%	10.0%	28.6%
5 to 10	16.1%	21.8%	33.3%	15.4%	30.0%	25.9%	26.3%	15.0%	=
more than 10 years	37.5%	53.8%	33.3%	53.8%	20.0%	55.2%	36.8%	70.0%	64.3%
staying over night?									
yes	48.2%	49.6%	57.6%	12.2%	22.2%	38.8%	78.6%	50.0%	-
no	51.8%	50.4%	42.4%	87.8%	77.8%	61.2%	21.4%	50.0%	100.0%
if yes, how many nights?	4.97	3.28	3.22	1.13	2	2.78	4	6	=
if no, how many hours?									
less than 1	48.5%	52.4%	30.0%	69.5%	40.0%	8.8%	-	10.0%	-
1 to 2 hours	18.2%	9.5%	20.0%	20.3%	10.0%	8.8%	-	-	7.1%
2 to 6 hours	27.3%	26.2%	20.0%	8.5%	50.0%	70.6%	50.0%	60.0%	78.6%
more than 6 hours	6.1%	11.9%	30.0%	1.7%	-	11.8%	50.0%	30.0%	14.3%
N	89	122	33	95	19	67	28	20	15

Note:

Table B.6 Group Disability by Site

	Site Name									
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore	Total
anyone in group with a disability?										
yes	15.9%	14.3%	3.1%	16.3%	11.8%	9.8%	15.4%	15.8	-	59(13.1%)
no	84.1%	85.7%	96.9%	83.7%	88.2%	90.2%	84.6%	84.2	100.0%	390(86.9%)
Specific disabilities										
mentally	1	=	=	1	1	=	=	=	=	3 (7.3%)
general physical	2	2	=	3	=	=	1	1	=	9 (22%)
paralysis	=	=	=	=	=	=	=	1	=	1 (2.4%)
multiple sclerosis	=	=	=	=	=	=	1	=	=	1 (2.4%)
joint-replacement	2	1	=	=	=	=	=	=	=	3 (7.3%)
autism	1	=	=	=	=	=	=	=	=	1 (2.4%)
heart	=	1	=	=	=	=	=	=	=	1 (2.4%)
arthritis	=	1	=	=	=	=	=	=	=	1 (2.4%)
cancer	=	1	=	=	=	=	=	=	=	1 (2.4%)
hepatitis	=	=	1	=	=	=	=	=	=	1 (2.4%)
back/spine	1	1	=	=	=	1	=	=	=	3 (7.3%)
asthma	=	1	=	=	=	=	=	=	=	1 (2.4%)
blind/vision	1	=	=	2	=	=	=	=	=	3 (7.3%)
Downs Syndrome	=	=	=	1	=	=	=	=	=	1 (2.4%)
limited mobility	=	=	=	1	=	=	=	=	=	1 (2.4%)
oxygen	=	1	=	=	=	=	=	=	=	1 (2.4%)
walking/walker	=	1	=	1	=	=	=	=	=	2 (4.9%)
hip replacement	1	1	=	=	=	=	=	=	=	2 (4.9%)
social security	=	1	=	=	=	=	=	=	=	1 (2.4%)
multiple health problems	=	=	=	1	=	=	=	=	=	1 (2.4%)
spinabefida	1	=	=	=	=	=	=	=	=	1 (2.4%)
leg amputee	=	=	=	1	=	=	=	=	=	1 (2.4%)
wheelchair	1	=	=	=	=	=	=	=	=	1 (2.4%)
knees	1	=	=	=	=	=	=	=	=	1 (2.4%)
hearing	=	=	=	1	=	=	=	=	=	1 (2.4%)
Parkinson's Disease	=	=	=	=	=	=	=	1	=	1 (2.4%)
old	=	=	=	=	=	1	=	=	=	1 (2.4%)
N	82	112	32	86	17	61	26	19	14	

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

Table B.7 Reasons for Choosing This Site by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
Reasons why site chosen									
close to home	32.2%	27.5%	6.3%	18.7%	22.2%	44.8%	32.1%	30.0%	60.0%
easy to get to	62.1%	50.0%	18.8%	22.0%	55.6%	65.7%	42.9%	40.0%	66.7%
group facilities	19.5%	6.7%	3.1%	3.3%	5.6%	0.9%	28.6%	15.0%	6.7%
heard about it	6.9%	5.8%	21.9%	13.2%	16.7%	-	7.1%	-	6.7%
good facilities	31.0%	28.3%	15.6%	5.5%	27.8%	41.8%	32.1%	25.0%	20.0%
good fishing	21.8%	35.8%	78.1%	11.0%	27.8%	55.2%	39.3%	80.0%	80.0%
scenic beauty	43.7%	25.8%	18.8%	34.1%	38.9%	31.3%	46.4%	25.0%	40.0%
been here before	54.0%	40.0%	43.8%	27.5%	33.3%	50.7%	53.6%	90.0%	66.7%
try a new area	11.5%	9.2%	12.5%	8.8%	11.1%	7.5%	10.7%	-	-
Lewis and Clark historic site	9.2%	18.3%	6.3%	62.6%	11.1%	7.5%	10.7%	5.0%	20.0%
specific attraction	32.2%	28.3%	50.0%	24.2%	11.1%	38.8%	46.4%	40.0%	40.0%
other sites too crowded	1.1%	-	-	-	-	6.0%	-	5.0%	6.7%
other reason	21.8%	23.3%	18.8%	8.8%	11.1%	20.9%	25.0%	15.0%	6.7%
most important reason for visiting this site									
close to home	8.9%	6.7%	-	7.1%	18.8%	16.1%	8.3%	6.3%	30.8%
easy to get to	24.1%	23.1%	6.1%	7.1%	31.3%	9.7%	4.2%	-	7.7%
group facilities	6.3%	-	-	1.2%	6.3%	1.6%	8.3%	-	-
heard about it	1.3%	1.9%	3.0%	-	-	1.6%	-	-	-
good facilities	8.9%	3.8%	-	-	6.3%	14.5%	16.7%	-	-
good fishing	12.7%	24.0%	69.7%	4.8%	18.8%	32.3%	12.5%	62.5%	46.2%
scenic beauty	8.9%	4.8%	3.0%	11.9%	-	4.8%	4.2%	6.3%	7.7%
been here before	3.8%	8.7%	6.1%	4.8%	-	1.6%	8.3%	18.8%	7.7%
try a new area	2.5%	4.8%	3.0%	2.4%	6.3%	1.6%	4.2%	-	-
Lewis and Clark historic site	1.3%	7.7%	-	54.8%	12.5%	1.6%	8.3%	-	-
specific attraction	5.1%	5.8%	9.1%	3.6%	-	8.1%	8.3%	6.3%	-
other reason	16.5%	8.7%	-	2.4%	-	6.5%	16.7%	-	-
N	87	120	32	91	18	67	28	20	15

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

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

	Site Name				Total
	Barretts	Horse Prairie	Lonetree	South Shore	
Sites Crowded					
Laci Creek	-	-	1	-	1 (20%)
Wise River	-	-	1	-	1 (20%)
Upper Beaverhead	1	1	-	-	2 (40%)
Rivers	-	1	-	-	1 (20%)
Horse Prairie End	-	1	-	1	2 (40%)
N	1	2	1	1	

Table B.8 Recreation Activity by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
<b>Site Activities</b>									
sightseeing	41.5%	42.0%	31.3%	80.0%	52.9%	33.9%	48.1%	15.8%	35.7%
photography	17.1%	22.3%	12.5%	48.9%	35.3%	21.0%	29.6%	5.3%	21.4%
auto/RV camping	29.3%	35.7%	15.6%	12.2%	17.6%	22.6%	66.7%	36.8%	=
tent camping	14.6%	9.8%	31.3%	2.2%	23.5%	16.1%	14.8%	5.3%	=
floating/rafting	15.9%	2.7%	34.4%	=	11.8%	8.1%	22.2%	10.5%	7.1%
walking	42.7%	27.7%	21.9%	22.2%	35.3%	21.0%	37.0%	31.6%	14.3%
day hiking	11.0%	4.5%	6.3%	6.7%	29.4%	12.9%	11.1%	10.5%	14.3%
picnicking	35.4%	22.3%	9.4%	13.3%	41.2%	14.5%	18.5%	10.5%	14.3%
sunbathing	7.3%	1.8%	6.3%	1.1%	35.3%	8.1%	7.4%	5.3%	=
hunting	9.8%	10.7%	6.3%	3.3%	=	12.9%	14.8%	5.3%	14.3%
shooting	4.9%	1.8%	6.3%	1.1%	=	3.2%	=	10.5%	7.1%
swimming	9.8%	4.5%	6.3%	1.1%	41.2%	11.3%	11.1%	5.3%	7.1%
jetskiing	=	=	=	=	5.9%	=	=	=	=
powerboating	=	7.1%	=	=	11.8%	3.2%	3.7%	=	=
nature study	8.5%	2.7%	6.3%	5.6%	5.9%	1.6%	11.1%	=	14.3%
birding	7.3%	10.7%	6.3%	4.4%	=	6.5%	=	10.5%	21.4%
tubing	4.9%	4.5%	=	=	23.5%	6.5%	3.7%	31.6%	=
canoeing/kayaking	=	1.8%	3.1%	=	11.8%	=	=	=	=
view wildlife	30.5%	24.1%	25.0%	26.7%	17.6%	29.0%	37.0%	15.8%	42.9%
ATV/motorcycle	9.8	0.9	3.1	1.1	11.8%	16.1%	11.1%	5.3%	=
biking	2.4	2.7	=	=	=	3.2%	=	5.3%	=
boat angling	11	24.1	40.6	=	11.8%	17.7%	25.9%	42.1%	21.4%
bank angling	20.7	23.2	43.8	1.1	17.6%	25.8%	25.9%	21.1%	=
wade angling	17.1	9.8	65.6	1.1	5.9%	9.7%	11.1%	10.5%	7.1%
waterskiing	=	0.9%	=	=	11.8%	=	=	=	=
visit Lewis and Clark historic site	8.5%	21.4%	6.3%	53.3%	23.5%	11.3%	18.5%	5.3%	7.1%
visit other historic site	4.9%	7.1%	=	25.6%	11.8%	6.5%	22.2%	5.3%	=
ice fishing	1.2%	3.6%	=	4.4%	=	40.3%	=	21.1%	50.0%
ice skating	=	0.9%	=	=	=	=	=	=	=
N	82	112	32	90	17	62	27	19	14

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

Horseback riding, diving, sailing, and ice boating not participated in



Table B.9 Levels of Overall Trip Satisfaction by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
This trip was better than any I can remember	0	-0.14	0.21	-0.06	-0.19	-0.48	0.42	0.05	-0.2
This trip was better than any other in this area	0.18	0.08	0.27	0.16	0.44	-0.4	0.56	0.11	-0.4
This trip was so good I would take it again	0.91	0.63	0.7	0.54	0.44	0.49	1.04	0.78	0.87
Trip satisfaction index	0.36	0.19	0.39	0.21	0.23	-0.13	0.67	0.31	0.22
N	89	122	33	95	19	67	28	20	15

Table B.10 Importance of Site Characteristics by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
Importance of site conditions									
campsite/picnic area conditions	52.2%	57.1%	33.3%	36.7%	26.7%	49.2%	50.0%	17.6%	33.3%
quality of Lewis and Clark interpretive/educational information	10.4%	14.3%	7.4%	30.0%	13.3%	6.8%	16.7%	-	-
quality of other interpretive/educational information	6.0%	6.0%	3.7%	25.0%	-	1.7%	-	-	8.3%
appropriateness of development	26.9%	11.9%	11.1%	23.3%	13.3%	8.5%	12.5%	-	25.0%
maintenance of facilities	44.8%	51.2%	44.4%	45.0%	40.0%	52.5%	54.2%	23.5%	50.0%
cleanliness of area	55.2%	63.1%	55.6%	43.3%	66.7%	62.7%	66.7%	52.9%	58.3%
amount of development	10.4%	11.9%	22.2%	3.3%	13.3%	22.0%	12.5%	11.8%	16.7%
privacy of area	41.8%	38.1%	29.6%	31.7%	26.7%	33.9%	37.5%	52.9%	16.7%
condition of natural features	26.9%	23.8%	25.9%	30.0%	33.3%	23.7%	20.8%	11.8%	8.3%
residential development visible from the water	3.0%	6.0%	7.4%	5.0%	6.7%	3.4%	4.2%	5.9%	16.7%
historical information	11.9%	7.1%	3.7%	33.3%	40.0%	5.1%	4.2%	-	-
behavior of other people	31.3%	29.8%	22.2%	16.7%	33.3%	25.4%	25.0%	35.3%	33.3%
conflict with other users	13.4%	4.8%	14.8%	11.7%	20.0%	10.2%	8.3%	17.6%	16.7%
degree of naturalness	31.3%	23.8%	18.5%	31.7%	6.7%	15.3%	41.7%	23.5%	16.7%
number of campsites within sight or sound	16.4%	21.4%	14.8%	3.3%	33.3%	8.5%	33.3%	17.6%	8.3%
seeing/hearing others	10.4%	6.0%	14.8%	13.3%	6.7%	8.5%	25.0%	11.8%	16.7%
rules and restrictions	9.0%	4.8%	3.7%	8.3%	6.7%	6.8%	4.2%	-	8.3%
number of fish caught	10.4%	25.0%	63.0%	13.3%	13.3%	40.7%	20.8%	52.9%	58.3%
opportunity to view wildlife	25.4%	23.8%	25.9%	21.7%	13.3%	28.8%	33.3%	11.8%	33.3%
opportunity to hunt	9.0%	11.9%	11.1%	11.7%	-	16.9%	8.3%	17.6%	25.0%
N	67	84	27	60	15	59	27	17	12

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

Table B.11 Mean Satisfaction of Site Characteristics by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
campsite/picnic conditions	1.38	1.34	1.03	0.83	0.94	1.19	1.59	1.06	0.57
quality of Lewis and Clark interpretive info	0.54	0.73	0.27	1.1	0.56	0.34	0.69	0.39	0.2
quality of other interpretive/educational materials	0.36	0.46	0.16	0.81	0.44	0.21	0.4	0.35	0
appropriateness of development	1	0.97	0.66	0.91	0.47	0.79	1.22	0.61	0.64
maintenance of facilities	1.41	1.27	0.94	1.16	1.11	1.41	1.54	1.11	0.93
cleanliness of area	1.62	1.48	0.88	1.29	1.06	1.43	1.61	1.17	1.14
amount of development	0.95	0.83	0.75	0.81	0.44	0.92	1.22	0.5	0.64
privacy of area	0.89	0.88	0.76	0.99	0.72	0.97	1.25	0.67	0.14
condition of natural features	1.36	0.98	0.85	1	0.89	1.16	1.46	0.67	0.64
residential development visible from the water	0.49	0.77	0.73	0.55	0.83	0.74	1.08	0.39	0.43
historical info	0.51	0.82	0.34	1.1	0.5	0.43	0.93	0.33	0.53
behavior of other people	0.77	0.94	0.85	0.88	0.76	0.73	1.3	0.72	0.29
conflict with other users	0.6	0.58	0.76	0.58	0.22	0.39	0.7	0.5	0.5
degree of naturalness	0.91	1	0.91	0.84	0.67	0.92	1.29	0.78	1
number of campsites within sight or sound	0.6	0.74	0.69	0.46	-0.2	0.62	1.12	0.78	0.8
seeing/hearing others	0.52	0.63	0.48	0.54	0.17	0.45	0.77	0.67	0.57
rules and restrictions	0.86	0.81	0.58	0.57	0.35	0.71	1.16	0.72	0.64
number of fish caught	0.35	0.14	0.48	0.01	0	0.29	0.35	0.39	-0.07
opportunity to view wildlife	0.68	0.68	0.7	0.65	0.59	1.08	1.4	1.28	1.14
opportunity to hunt	0.3	0.27	0.1	0.23	0	0.52	0.92	0.33	0.43
N	89	122	33	95	19	67	28	20	15

-2=Strongly agree

0=Neutral/no opinion

2=Strongly agree

Table B.12 Additional Facilities and Services by Site

	Site Name			
	Barretts	Beaverhead	Fishing Access	Overlook
% of visitors responding to question	44%	43%	45%	21%
showers -5		showers -2	boat ramps -1	showers -1
larger sites -1		boat ramps -5	interpretive info -1	higher lake level -1
interpretive info -3		fish cleaning station -1	none -6	interpretive info -2
nature trails/trails -1		higher lake level -9	firewood -2	nature trails -1
leveled sites -1		none -18	shade trees -2	leveled sites -2
none -10		firewood -1	potable water -1	none -6
firewood -1		law/rule enforcement -2	campsites -1	shade trees -1
pay phone -1		pay phone -2	fish -1	potable water -1
hand sanitizer -1		shade trees -3	bathrooms -1	flush toilets -1
covered tables -1		potable water -4	open river during	marina -2
fire rings -2		electric hook-ups -4	hunting season -1	more expansive visit -1
grills cleaned -1		signage -1		better lake access -1
potable water -2		animal rules -1		
campsites -1		flush toilets -1		
playground -1		sewage dump -1		
electric hook-ups -4		grocery store -2		
flush toilets -3		marina -1		
sewage dump -2		semi-truck parking -1		
marina -1		more privacy at site -1		
running water -1		better water access -1		
boat rentals -1		remove weeds -1		
guided walks -1		gas station -1		
spring system? -1				

Table B.12 Additional Facilities and Services by Site

	Site Name			
	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree
% of visitors responding to question	42%	67%	46%	45%
showers -1		showers -3	higher lake level -2	boat ramps -1
higher lake level -1		higher lake level -3	none -5	higher lake level -1
leveled sites -1		none -26	shade trees -1	none -4
none -3		shade trees -3	hand sanitizer -2	shade trees -1
shade trees -2		potable water -3	covered tables -1	potable water -1
potable water -2		fish -3	potable water -1	duck habitat -1
grocery store -1		electric hook-ups -1	fish -1	
boat rentals -1		flush toilets -1	docks -1	
		more privacy at site -2	semi-truck parking -1	
		dam access -1		
		better handicapped access -1		
		better water storage -1		
		heated restrooms -1		

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South Shore

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53%

none -4

shade trees -1

fish -1

grocery store -1

marina -1

Table B.13 Disabled Facility Needs by Site

	Site Name									
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore	Total
Disabled facilities needed	4.4%	11.1%	11.1%	8.3%	30.8%	13.2%	12.0%	15.8%	-	37 (10.3%)
No disabled facilities needed	95.6%	88.9%	88.9%	91.7%	69.2%	86.8%	88.0%	84.2%	100.0%	321 (89.7%)
ramps	1	-	-	-	-	-	-	-	-	1 (5%)
paved roads	-	-	-	-	1	1	-	-	-	2 (10%)
paved paths	-	-	1	1	1	2	-	-	-	5 (25%)
handicapped toilets	-	-	-	1	1	-	2	-	-	4 (20%)
wheelchair accessible fishing	-	-	1	-	-	-	-	-	-	1 (5%)
walking tours	-	-	-	-	1	-	-	-	-	1 (5%)
rail in bathrooms	-	-	-	-	-	-	1	-	-	1 (5%)
floating dock to access boats	-	1	-	-	-	-	-	-	-	1 (5%)
boat docks	-	1	-	-	-	-	-	-	-	1 (5%)
wheelchair accessible	1	-	-	1	-	-	-	-	-	2 (10%)
better drinking water	-	1	-	-	-	1	-	-	-	2 (10%)
benches	-	-	-	-	-	1	-	-	-	1 (5%)
better access to shore	-	-	-	-	-	1	-	-	-	1 (5%)
N	68	81	27	60	13	53	25	19	12	

Table B.14 Number of Encounters and Their Evaluation by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
<b>Canoes seen today</b>									
0	90.0%	95.7%	80.6%	94.5%	87.5%	97.9%	90.9%	84.2%	100.0%
1 to 5	8.3%	2.9%	16.1%	5.5%	12.5%	2.1%	9.1%	15.8%	-
6 to 10	1.7%	1.4%	3.2%	-	-	-	-	-	-
<b>Rate canoe encounters</b>									
Enjoyed seeing	12.8%	6.5%	4.3%	3.1%	18.2%	7.1%	-	-	-
Didn't mind seeing	5.1%	4.3%	13.0%	9.4%	27.3%	7.1%	30.8%	37.5%	33.3%
Disliked seeing	2.6%	-	8.7%	-	-	-	-	-	-
N/A	79.5%	89.1%	73.9%	87.5%	54.5%	85.7%	69.2%	62.5%	66.7%
<b>Powerboats seen today</b>									
0	100.0%	73.6%	83.9%	98.2%	50.0%	83.7%	86.4%	66.7%	55.6%
1 to 5	-	19.4%	9.7%	-	43.8%	10.2%	9.1%	22.2%	33.3%
6 to 10	-	1.4%	6.5%	-	-	2.0%	4.5%	11.1%	11.1%
11 to 20	-	4.2%	-	-	6.3%	2.0%	-	-	-
21 to 30	-	-	-	1.8%	-	-	-	-	-
31+	-	1.4%	-	-	-	-	-	-	-
<b>Rate powerboat encounters</b>									
Enjoyed seeing	10.5%	5.9%	4.3%	-	16.7%	10.3%	-	12.5%	16.7%
Didn't mind seeing	5.3%	31.4%	17.4%	12.5%	25.0%	17.2%	38.5%	25.0%	50.0%
Disliked seeing	2.6%	2.0%	-	-	-	3.4%	-	-	16.7%
N/A	81.6%	60.8%	79.3%	87.5%	58.3%	69.0%	61.5%	62.5%	16.7%
<b>Waterskiers seen today</b>									
0	100.0%	97.1%	96.8%	98.2%	62.5%	91.7%	100.0%	100.0%	88.9%
1 to 5	-	2.9%	3.2%	-	37.5%	8.3%	-	-	11.1%
21 to 30	-	-	-	1.8%	-	-	-	-	-
<b>Rate waterskiers encounters</b>									
Enjoyed seeing	10.5%	4.3%	4.3%	-	8.3%	10.7%	-	14.3%	20.0%
Didn't mind seeing	5.3%	6.5%	13.0%	9.7%	25.0%	7.1%	23.1%	-	40.0%
Disliked seeing	2.6%	-	-	-	-	-	-	-	-
N/A	81.6%	89.1%	82.6%	90.3%	66.7%	82.1%	76.9%	85.7%	40.0%
<b>Jetskis seen today</b>									
0	100.0%	91.3%	96.8%	98.1%	68.8%	91.7%	90.9%	94.7%	100.0%
1 to 5	-	5.8%	3.2%	-	25.0%	6.3%	9.1%	5.3%	-
6 to 10	-	-	-	-	6.3%	2.1%	-	-	-



Table B.14 Number of Encounters and Their Evaluation by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
11 to 20	-	2.9%	-	-	-	-	-	-	-
21 to 30	-	-	-	1.9%	-	-	-	-	-
<b>Rate jetskiers encounters</b>									
Enjoyed seeing	10.5%	2.2%	4.3%	-	8.3%	10.7%	7.7%	14.3%	-
Didn't mind seeing	5.3%	13.0%	13.0%	9.7%	33.3%	3.6%	15.4%	-	40.0%
Disliked seeing	2.6%	4.3%	-	-	-	3.6%	15.4%	-	-
N/A	81.6%	80.4%	82.6%	90.3%	58.3%	82.1%	61.5%	85.7%	60.0%
<b>Bank anglers seen today</b>									
0	77.6%	64.4%	16.7%	85.7%	56.3%	77.6%	72.7%	73.7%	77.8%
1 to 5	17.2%	31.5%	46.7%	10.7%	37.5%	10.2%	27.3%	15.8%	11.1%
6 to 10	1.7%	2.7%	16.7%	-	6.3%	4.1%	-	-	-
11 to 20	3.4%	-	16.7%	1.8%	-	2.0%	-	10.5%	11.1%
21 to 30	-	-	-	1.8%	-	2.0%	-	-	-
31+	-	1.4%	3.3%	-	-	4.1%	-	-	-
<b>Rate bank anglers encounters</b>									
Enjoyed seeing	18.4%	14.3%	17.4%	6.1%	11.1%	3.3%	23.1%	-	-
Didn't mind seeing	18.4%	30.4%	52.2%	15.2%	44.4%	36.7%	30.8%	28.6%	66.7%
Disliked seeing	2.6%	-	8.7%	-	-	-	-	-	-
N/A	60.5%	55.4%	21.7%	78.8%	44.4%	60.0%	46.2%	71.4%	33.3%
<b>Wade anglers seen today</b>									
0	77.6%	87.0%	23.3%	94.4%	62.5%	79.6%	81.8%	89.5%	88.9%
1 to 5	15.5%	7.2%	40.0%	5.6%	37.5%	16.3%	18.2%	5.3%	-
6 to 10	5.2%	-	16.7%	-	-	-	-	-	-
11 to 20	1.7%	4.3%	10.0%	-	-	-	-	5.3%	11.1%
21 to 30	-	-	6.7%	-	-	2.0%	-	-	-
31+	-	1.4%	3.3%	-	-	2.0%	-	-	-
<b>Rate wade anglers encountered</b>									
Enjoyed seeing	15.8%	8.3%	17.4%	-	11.1%	9.7%	23.1%	12.5%	-
Didn't mind seeing	18.4%	14.6%	56.5%	12.9%	44.4%	29.0%	30.8%	-	50.0%
Disliked seeing	2.6%	-	8.7%	-	-	-	-	12.5%	-
N/A	63.2%	77.1%	17.4%	87.1%	44.4%	61.3%	46.2%	75.0%	50.0%

Table B.14 Number of Encounters and Their Evaluation by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
<b>Boat anglers seen today</b>									
0	71.2%	69.6%	32.3%	92.7%	56.3%	83.0%	72.7%	44.4%	55.6%
1 to 5	20.3%	15.9%	35.5%	5.5%	37.5%	12.8%	13.6%	22.2%	33.3%
6 to 10	6.8%	5.8%	16.1%	-	-	-	4.5%	16.7%	11.1%
11 to 20	-	5.8%	9.7%	-	-	-	4.5%	16.7%	-
21 to 30	1.7%	-	3.2%	1.8%	6.3%	4.3%	-	-	-
31+	-	2.9%	3.2%	-	-	-	4.5%	-	-
<b>Rate boat anglers encounters</b>									
Enjoyed seeing	18.4%	6.4%	18.2%	-	8.3%	11.1%	7.7%	33.3%	16.7%
Didn't mind seeing	21.1%	29.8%	40.9%	9.7%	41.7%	22.2%	46.2%	66.7%	50.0%
Disliked seeing	2.6%	2.1%	13.6%	-	-	-	-	-	16.7%
N/A	57.9%	61.7%	27.3%	90.3%	50.0%	66.7%	46.2%	-	16.7%
<b>River floaters seen today</b>									
0	69.0%	97.1%	35.5%	98.1%	81.3%	97.9%	90.9%	89.5%	88.9%
1 to 5	20.7%	2.9%	35.5%	1.9%	18.8%	2.1%	-	-	11.1%
6 to 10	6.9%	-	16.1%	-	-	-	-	-	-
11 to 20	1.7%	-	12.9%	-	-	-	4.5%	10.5%	-
31+	1.7%	-	-	-	-	-	4.5%	-	-
<b>Rate river floater encounters</b>									
Enjoyed seeing	15.4%	4.3%	14.3%	-	9.1%	7.4%	7.7%	12.5%	-
Didn't mind seeing	20.5%	6.4%	42.9%	6.7%	27.3%	3.7%	15.4%	-	50.0%
Disliked seeing	7.7%	-	9.5%	-	-	-	7.7%	12.5%	-
N/A	56.4%	89.4%	33.3%	93.3%	63.6%	88.9%	69.2%	75.0%	50.0%
<b>Livestock seen today</b>									
0	85.0%	91.0%	77.4%	78.2%	87.5%	91.5%	86.4%	88.9%	100.0%
1 to 5	8.3%	6.0%	9.7%	12.7%	6.3%	6.4%	4.5%	5.6%	-
6 to 10	3.3%	1.5%	3.2%	1.8%	-	-	4.5%	-	-
11 to 20	1.7%	1.5%	-	1.8%	-	-	4.5%	-	-
21 to 30	-	-	3.2%	5.5%	-	-	-	-	-
31+	1.7%	-	6.5%	-	6.3%	2.1%	-	5.6%	-
<b>Rate livestock encounters</b>									
Enjoyed seeing	12.8%	8.9%	4.3%	6.3%	9.1%	3.6%	15.4%	12.5%	-
Didn't mind seeing	15.4%	8.9%	17.4%	21.9%	18.2%	10.7%	30.8%	12.5%	33.3%
Disliked seeing	5.1%	-	4.3%	6.3%	-	7.1%	-	-	-
N/A	66.7%	82.2%	73.9%	65.6%	72.7%	78.6%	53.8%	75.0%	66.7%

Table B.14 Number of Encounters and Their Evaluation by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
<b>Shoreline development seen today</b>									
0	77.6%	97.1%	71.0%	83.3%	62.5%	85.1%	100.0%	84.2%	75.0%
1 to 5	19.0%	2.9%	29.0%	16.7%	25.0%	10.6%	-	15.8%	25.0%
6 to 10	1.7%	-	-	-	6.3%	-	-	-	-
11 to 20	1.7%	-	-	-	6.3%	-	-	-	-
21 to 30	-	-	-	-	-	2.1%	-	-	-
31+	=	=	=	=	=	2.1%	=	=	=
<b>Rate shoreline development encounters</b>									
Enjoyed seeing	15.8%	6.4%	=	3.2%	9.1%	11.1%	7.7%	12.5%	=
Didn't mind seeing	21.1%	6.4%	13.0%	19.4%	36.4%	11.1%	23.1%	12.5%	33.3%
Disliked seeing	2.6%	4.3%	17.4%	3.2%	-	3.7%	-	-	-
N/A	60.5%	83.0%	69.6%	74.2%	54.5%	74.1%	69.2%	75.0%	66.7%
<b>Hunters seen today</b>									
0	90.0%	89.7%	93.5%	92.7%	87.5%	91.3%	77.3%	89.5%	77.8%
1 to 5	10.0%	7.4%	3.2%	5.5%	6.3%	4.3%	13.6%	5.3%	22.2%
6 to 10	-	1.5%	-	-	-	2.2%	4.5%	5.3%	-
11 to 20	-	-	-	1.8%	6.3%	2.2%	-	-	-
21 to 30	-	-	-	-	-	-	4.5%	-	-
31+	=	1.5%	3.2%	=	-	-	-	-	-
<b>Rate hunting encounters</b>									
Enjoyed seeing	11.9%	4.3%	4.3%	5.9%	-	6.9%	-	12.5%	11.1%
Didn't mind seeing	14.3%	8.5%	13.0%	11.8%	18.2%	20.7%	31.3%	12.5%	44.4%
Disliked seeing	4.8%	4.3%	-	2.9%	-	-	12.5%	-	-
N/A	69.0%	83.0%	82.6%	79.4%	81.8%	72.4%	56.3%	75.0%	44.4%
<b>Sailboats seen today</b>									
0	100.0%	100.0%	100.0%	100.0%	87.5%	97.9%	100.0%	100.0%	100.0%
1 to 5	=	=	=	=	12.5%	2.1%	=	=	=
<b>Rate sailboat encounters</b>									
Enjoyed seeing	10.5%	4.4%	4.3%	=	=	7.1%	=	25.0%	=
Didn't mind seeing	5.3%	2.2%	13.0%	9.7%	18.2%	3.6%	16.7%	-	33.3%
Disliked seeing	2.6%	-	-	-	9.1%	-	-	-	-
N/A	81.6%	93.3%	82.6%	90.3%	72.7%	89.3%	83.3%	75.0%	66.7%

Table B.14 Number of Encounters and Their Evaluation by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
<b>Other</b>									
0	93.3%	83.3%	100.0%	66.7%	100.0%	33.3%	100.0%	80.0%	50.0%
1 to 5	6.7%	8.3%	-	22.2%	-	57.1%	-	-	16.7%
6 to 10	-	8.3%	-	-	-	4.8%	-	20.0%	33.3%
11 to 20	-	-	-	11.1%	-	-	-	-	-
31+	-	-	-	-	-	4.8%	-	-	-
<b>Rate other encounters</b>									
Enjoyed seeing	-	-	-	14.3%	-	27.8%	-	-	-
Didn't mind seeing	28.6%	12.5%	-	28.6%	100.0%	38.9%	-	100.0%	75.0%
Disliked seeing	-	12.5%	-	-	-	16.7%	-	-	-
N/A	71.4%	75.0%	-	57.1%	-	16.7%	-	-	25.0%
N	89	122	33	95	19	67	28	20	15

Table B.15 Perceptions of Crowding by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
How crowded did you feel during this visit?									
1 not at all crowded	63.2%	78.4%	45.5%	78.3%	83.3%	68.2%	71.4%	57.9%	35.7%
2	18.4%	9.5%	15.2%	14.1%	11.1%	13.6%	3.6%	10.5%	7.1%
3 slightly crowded	6.9%	9.5%	9.1%	4.3%	5.6%	9.1%	7.1%	21.1%	35.7%
4	1.1%	-	9.1%	-	-	4.5%	3.6%	-	7.1%
5	3.4%	-	6.1%	3.3%	-	1.5%	3.6%	-	7.1%
6 moderately crowded	4.6%	2.6%	9.1%	-	-	3.0%	7.1%	5.3%	7.1%
7	1.1%	-	3.0%	-	-	-	3.6%	5.3%	-
9 extremely crowded	1.1%	-	3.0%	-	-	-	-	-	-
mean	1.89	1.41	2.73	1.36	1.22	1.67	2	2.11	2.64
N	87	116	33	92	18	66	28	19	14

Table B.16 Where crowding occurred by Site

	Site Name									
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore	Total
Where did you feel crowded?										
at campsite	3	1	1	-	-	-	1	-	-	6 (15.8%)
parking lot	1	=	=	=	=	=	=	=	=	1 (2.6%)
town	=	=	=	1	=	=	=	=	1	2 (5.3%)
on beach	-	-	-	-	-	1	-	-	-	1 (2.6%)
river	4	-	8	-	-	2	-	1	-	15 (39.5%)
campground	1	1	3	=	=	=	1	1	=	7 (18.4%)
restrooms	-	-	-	-	-	-	1	-	-	1 (2.6%)
boat ramp	-	1	-	-	-	1	-	-	-	2 (5.3%)
Clark Canyon	=	=	1	=	=	=	=	=	=	1 (2.6%)
fishing access in Big Hole	=	=	=	1	=	=	=	=	=	1 (2.6%)
antelope season	=	=	=	=	=	=	1	=	=	1 (2.6%)
N	7	3	10	3	1	5	5	2	2	

Table B.17 Reasons No Longer Visit Sites by Site

	Site Name				
	Barretts	Fishing Access	Horse Prairie	Cameahwait	Lonetree
Are there any sites in this area you no longer visit?					
Yes	7.6%				
No	84.6%				
Reasons no longer visit sites					
Fee	-	4	-	-	-
Crowding	4	-	1	1	-
Conflict	4	-	-	-	-
Overuse	4	-	-	-	-
Resource	-	-	-	-	-
Other	3	-	-	2	3
<u>Other Reason</u>					
no water	1	-	-	-	1
closed	2	-	-	-	-
no boat ramp	-	-	-	1	1
low lake	-	-	-	1	1

Table B.18 Behavioral Response to Displacement by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
<b>If this site was closed, how would it affect trip plans?</b>									
I would visit at some other time	16.9%	32.7%	18.8%	36.3%	21.1%	6.2%	14.8%	16.7%	16.7%
I would choose another site in this area	49.4%	39.4%	40.6%	32.5%	31.6%	47.7%	44.4%	33.3%	25.0%
I would choose another site somewhere else	22.9%	17.3%	25.0%	17.5%	36.8%	29.2%	22.2%	22.2%	16.7%
I would do some other activity	3.6%	4.8%	6.3%	12.5%	10.5%	3.1%	=	=	8.3%
I would stay home	7.2%	5.8%	9.4%	1.3%	-	13.8%	18.5%	27.8%	33.3%
N	83	104	32	80	19	65	27	18	12



Table B.19 Average Measures of Attachment to Place by Site

	Site Name								
	Barretts	Beaverhead	Fishing Access	Overlook	Lewis and Clark	Horse Prairie	Cameahwait	Lonetree	South Shore
A lot of my life is organized around this place	-0.27	-0.52	-0.53	-0.61	-1	-0.19	0.05	-0.22	0.43
This place is the best for what I like to do	0.6	0.45	0.74	0.01	0.35	0.73	0.26	1.21	1.29
I feel no commitment to this place	-0.1	0.01	-0.41	-0.14	0.53	-0.47	0	-0.38	-0.83
The time I spend here could just as easily be spent somewhere else	-0.04	0.08	-0.19	-0.06	0.41	-0.46	-0.05	-0.24	-0.57
I am very attached to this place	0.29	-0.05	0.48	0.01	-0.69	0.48	0.39	0.83	1.21
I identify strongly with this place	0.29	-0.03	0.52	-0.06	-0.35	0.5	0.5	0.65	1
This place makes me feel like no other place can	-0.11	-0.1	0.29	-0.29	-0.29	0.08	0.23	0.28	0.15
Doing what I do here is more important than doing it any other place	0	-0.13	0.23	-0.21	-0.67	0.22	0.05	0.33	0.43
N	89	122	33	95	19	67	28	20	15

## **Appendix C - Visitor Comments by Site**

This appendix contains visitor's open-ended responses to two statements placed at the end of the 2003-2004 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. This includes all individual sites where comments were collected and are not combined based on sample size as sites were in the results. Management comments for every site are presented first, followed by satisfaction comments for every site.

Site	Comments regarding the management of this site
------	--

Barretts	
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Well kept

Very clean and kept up well!

Great price for college students to stay for camp in summer.

It's great - good job!

Doing an excellent job.

More than any place I know Barretts seems to be a self-governing campsite where people are considerate to each other. Except for occasional teenagers partying in summer I've never had any problems in 15 years of staying here.

Great.

Well done! The people who work here are nice and considerate. A lot of hard work and planning has been done for long-term management!

Very nice and professional.

Wonderful shaded area and appears to be well maintained.

Managed well.

A-one

Well done.

Great job.

It is very well maintained and very clean.

The grounds (grass etc) are great.

<b><u>Site</u></b>	<b><u>Comments regarding the management of this site</u></b>
	Management is excellent at times more coverage is needed to monitor behavior. Upkeep couldn't be better. Friendly site workers.
	Well maintained - clean, tidy
	Keep this site FEE FREE. There are plenty of fee areas for those who want or need more to offer. If fees were ever charged here I probably would not return to this area.
	"The nice thing about this recreational area is it is ""fee"" free. Please keep it that way."
	Kept up ok.
	This site (Barretts) is very adequate as is, and doesn't need any additional development; management as is, is quite satisfactory.
	We are tourists passing through. We were looking for rest stop to eat lunch in our motor home and just plain got lucky finding this place. We saw no signs.
	Doing a great job
	We stop here in route and choose to say specifically because it is a no fee area.
	Very well managed
	It is nice to come to a place not have to pay a fee and be as nice as this.
	This is very well kept. I enjoy it very much. It's very good that it is free to the public.

Would like to see more places not greedy for money. Mainly for us our night parker. That only need a place to park for the night. Just a small amount of freedom left.

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<b>Site</b>	<b>Comments regarding the management of this site</b>
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Really like no fee areas.

Like that it's a non-pay facility

Seems to be getting to be a regular dope dealing/consuming attraction. Needs some law enforcement attention.

One of the few rest areas open in winter. Thanks!

Keep campsite fee free or if they start charging the money needs to go to the campsite.

More irrigated grass and trees in camp grounds at Clark Canyon. Barretts has beautiful grounds because of trees and irrigation.

This Barrett park is great for Dillon. We have our church picnic there each year and also Elks picnic. Everybody loves this park and it's great for Dillon, but also all the people that travel Interstate 15 can stop and relax in the great campground. 10 min from town.

We go out at least twice a week to picnic or just walk around. My mom is 93 and the sidewalks across the bridge are terrific. She doesn't have to worry about tripping. Plenty of places to sit and rest.

### **Beaverhead**

Leave more water in the lake.

I didn't believe that this lake had to be drained last year.

I loved the "circling of the wagons" family units would surround the campfire pit. The spontaneous scatter of campers was delightful - no squeezing together in

narrow parallel sites with no space/privacy between them. It would be nice to have a place to appeal for help when negative confrontations occur.

<b>Site</b>	<b>Comments regarding the management of this site</b>
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Barking dogs all hours of the day and night. Dog poop should be cleaned up by owners. Water level. Should have marina store open. Bathrooms are always clean!!!

It would be nice to have more water or a minimum draw down during drought to prevent damage to the fishery and access to launch. I am in agriculture and understand the demand for water. Also need weed control.

We're worried about the lack of lake water.

Very natural, clean and beautiful.

Looks well kept up.

The Bureau of Reclamation campgrounds that I have stayed at in Montana are very well cared for. The Montana Fish, Wildlife & Parks access around Craig, MT charge campers but do not charge boaters, who get more traffic in the areas. This is not fair!!

Always seems clean.

Need to control weeds at this location (knapweed).

Would appreciate better water facilities but appreciate free camping even more.

Nice clean pleasant!

We like the fact there is no fee and it is easy to drive in too. It is peaceful, a great place to fish and walk.

I know we have had drought conditions, but it would be nice if the water was not drained so low.

	Seems entirely adequate for what is here.
	I find this survey to be as large as the trout in these waters. Thank you. Walt
<b>Site</b>	<b>Comments regarding the management of this site</b>
	Great site
	It would be nice if they would leave the outlet box open for use.
	We only arrived in Montana last night. Most of survey does not apply yet. Going on to Glacier National Park.
	Only passing through and saw nice place to stop for picnic lunch.
	I don't care for camp hosts and signs regulating where we can camp. I'm not sure but I think BLM land is open to camping. I would sure like a response to this.
	Great site, very clean, quiet, friendly staff/maintenance.
	It was a very good experience. If charging a nominal fee will help manage this site, I will still come.
	Good Job, Non-fee area.
	We are just traveling through, stopped to eat lunch.
	Please stock fish and management.
	I enjoy the fact that this is a no fee area!
	Please keep site free - there is very little free legal camping left along I-15 for travelers.
	Very satisfactory
	Keep this facility free.
	We were just passing through and stopped for bathroom break.

I would like to keep this site a non-fee area.

<b>Site</b>	<b>Comments regarding the management of this site</b>
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Well managed NO FEES

This site should remain without fees.

We need more water.

We use this site when traveling south from Helena once or twice a year, usually in the winter. We look forward to stopping here to use the restrooms, stretch our legs, and walk our dog. If conditions are good for ice skating we do a short skate. We seldom see more than one or two other people here during our brief visits. I would not stop here while traveling if I were charged a fee as it is wintertime and we only stay about 20 minutes. It's a great place to stop and we've enjoyed it for a bunch of years.

A very nice site, well kept, clean and not too crowded.

The BOR has done a very good job of management for this area. Over the years the fishery has fluxuated from excellent to poor. The drought has greatly affected the fishery during the past few years. No fault situation. Regarding changing this area into a fee area would hurt local people. Especially those on low incomes. This area has a very high low income population.

I do not think that fees should be charged for this area or any other areas.

**Fishing Access**

Best maintained facilities. Keep up the good work.

We need to control the flows from the dam. I was astonished by the difference between the amount of water flowing from the dam and the amount of water flowing into the Jefferson. I realize that we are in a drought but come on!



Thanks for the opportunity to trophy fish.

<b>Site</b>	<b>Comments regarding the management of this site</b>
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It's good that they have more trash cans.

Very well taken care of.

Disappointed we couldn't cook dinner over a campfire because of fire restrictions. Also disappointed there was dog crap all over where we normally set up our tent.

The campground and river are too crowded.

Fairly clean and no other people.

Fishing is the reason we use this site. Please keep improving the fishing.

Water not available from tap - would have been nice.

<b>Overlook</b>	
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Don't "over" manage. Use your natural resources to teach - Lewis & Clark is great.

Survey too long.

Water covers Lewis & Clark historical site - disagreeable.

Clean, well equipped.

The irrigation district needs to manage the water so the lake doesn't get so low!

Great

Just a stop on way to the airfield at Idaho Falls. Not really visiting area.

Do not know, I came here to look at the water level. Just arrived and received this survey. I will be leaving shortly, so I will not experience much.

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<b>Site</b>	<b>Comments regarding the management of this site</b>
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This is a bad questionnaire. What are you trying to learn? It doesn't show from the direction of the question.

Keep it free to visitors and hunters and anglers.

We loved the Lewis & Clark historical information. We love the fact that most of it is remote and unchanged. The natural beauty and inaccessibility are important to the historical value and accuracy/experience.

I feel that poor water control is why the reservoir is so low. 5-6 years I lived in Dillon, the Beaverhead River always ran full in winter months even when snow pack was low and precip predictions were low. I know this reservoir was built for irrigation and I support farming and ranching 100%. I think better management during winter months would have kept water levels higher longer. Drought is not controllable, management is.

Kept very clean.

Great site - could use a better sign on highway.

Management is fine as is, won't visit if new fees are charged for "services."

Looks fine.

I probably should not have taken the survey - We just stopped by for a few minutes on our way to Helena - We used no recreational facilities for the week we were in Salmon - We were Elder hostel volunteers.

	<p>I appreciate this site as a no fee site and appreciate the lack of a lot of development at Clark Canyon. Please keep it that way. Hopefully the drought will end and the reservoir will fill and the fishing will revive. I am primarily an ice angler for over 20 years at Clark Canyon.</p>
<b>Site</b>	<b>Comments regarding the management of this site</b>

Very helpful survey.

Where's the water?

Drain the reservoir, history was drowned out!

### **Lewis and Clark**

Beautiful management: site could be more level.

OK

### **Horse Prairie**

I like the way this area is managed, clean, good facilities and no extra fees to be paid for use. Thank you.

Extremely disappointed with water management over the past 4 years. All resources other than irrigation storage have been sacrificed. Record low storage pools result in poor fisheries, unusable boat ramps, low use of campgrounds, and no marina services. Bureau of Reclamation has not managed this resource responsibly.

Keep it free.

Leave as a non pay site.

Very dissatisfied with cleanliness of latrine facilities. Would like to see more vegetation and trees around the lake Clark Canyon Res.

The site is very clean and well maintained - probably one of the cleanest I've encountered.

Non fee area

We were very pleased that we could come at 10:30pm  
and just pick a site. It is kept up well.

Looks very clean.

Please fill the lake!

Site	Comments regarding the management of this site
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I find the area well kept, real clean (restrooms), well supplied; garbage cans (if camp ground was full

may need more); good sheltered picnic. Struck ours water for camping accessible.

I find this site to be clean and well kept and fairly quiet. Although there is little privacy between sites.

Should continue to be a non-fee area. New development at the sight should not be made.

Well managed.

I use this site only as an access to the lake, so I feel the management is adequate.

It seems to be well managed and I appreciate that it doesn't cost me any money to go fishing there; especially since I never catch any fish! Maybe that will change some day, one can always hope!

One reason I like this campsite non fee area. We need a few of these, let some of us, feel like the taxes we pay, we get a return this way.

Well managed, clean site.

I like the no fee aspect. I like the lack of development both government and private.

Been using Clark Canyon for 38 years. The dam is not holding enough water to maintain a area for quality recreational use. Too much water being taken out each summer. More water must be left in dam to ensure its success in the future. All questions in your survey are a mute point without water in the dam!

I hope they fix the entrances to the viewpoints. I appreciate the environmentally safe restrooms.

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<u>Site</u>	<u>Comments regarding the management of this site</u>
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Non fee area

Needs more trees.

Well, if they make this a fee area me and a lot of folks I know won't be coming up. Things are working just fine so let's not change anything. Please no fees.

I feel that campers should be required to camp only in designated areas only. No camping on the lake edge. Also there has to be authority to enforce this rule.

Fish habitat i.e. water level of Clark Canyon will have to be addressed soon. This lake is a fish treasure and the state of Montana will have to give the fish a chance by maintaining minimum levels that will protect the fishery.

I sure hope you continue to allow free access to this Clark Canyon reservoir, particularly in the winter for ice fishing. Camping overnight, small fee would be acceptable, but daily access just to fish should be free.

No fees, good people, good fishing.

There are signs posted that say no overnight camping other than in campsites. Many people camp with their trailer right on the water edge and stay for several days. Taking up the whole fishing area. Please see what can be done to correct this problem.

Please keep this a non fee area.

Like no fee areas.

Like the no fees idea. Had a good time. Thank you.

Site	Comments regarding the management of this site
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Just passing through and am satisfied with the facilities, and extent of activities that one may participate in here. Seems to be managed well and am aware that time and consideration was taken into account to situate the structures. That is - to be arranged so that the sun is not directly shining inside the booths all day.

Due to ongoing drought, maybe something could be done to keep the marina in business. Dig a new lagoon, extend breakwater, etc. Most conflicts occur with out of state campers who block access by camping on the lake edge fishing sites. They should be required to camp in campgrounds. Local Bureau of Rec. people have no authority to enforce this. This should be changed.

Mgmt. has been good in the past. I realize that this is an irrigation impoundment but over the past 30+ years has become a major recreation/fishing spot. Would like to see mgmt. lean more to fish and away from emptying for irrigation.

### Cameahwait

The water in the well tastes bad and is low-flow, perhaps because of drought though.

We have fished here for over 20 years. Have enjoyed all there is and appreciate Montana's commitment to provide a quality outing.

Water needs filter for drinking. Need more water in dam.

Keep the area a non-fee area. We can avoid this state if it keeps getting GREEDY.

I like the fact that this is a no fee area.

Please spray knapweed before it gets out of control. We pulled for 30 minutes.

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<b>Site</b>	<b>Comments regarding the management of this site</b>
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Management is good.

Excellent management.

We like the non fee aspect of the area.

So nice to finally have a no fee area that is so well kept up. We respect and appreciate that. One of the nicer camp areas and we enjoy it.

**Lone Tree**

Great except too much water let out of reservoir.

Clean and nice. Great to visit a no-fee facility.

No more development around the area would be ideal, unless it was a waterfowl hunting project such as wetlands, ponds, etc.

OK

They should leave this area a non-fee area.

Am glad no user fees are charged at Clark Canyon.

Increase fish populations, increase limit.

The Forest Service or Fish and Game Wildlife Development could do a little for bird habitat. I would also like to see places for hunters.

**Red Rocks**

This site is great although they really should put more fish in the lake. The ones you catch are all fat, so there is plenty of food to go around. They should also make more ponds and do some fish habitat work in the spring creeks along the road. This would greatly enhance the recreation opportunity for everyone.

I think it is just fine the way it is.



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<b>Site</b>	<b>Comments regarding the management of this site</b>
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**Red Rock River**

The interests of ranching community are placed in front of all others. In years where water is at a premium EVERYONE should contribute - irrigation without constraint is destroying what once was one of the best fisheries in the U.S. Ranchers need to cut back ALSO!!

**South Shore**

We do not want this to become a fee area!

I would not like to see any charges for local resident use, but would for out of staters.

Would like to keep it non-fee.

I am very happy that there are no camping/fishing/boating fees at Clark Canyon. It is great to be able to take your family out to enjoy Montana without it costing you any additional money.

Like the fact that it is a no fee site with only minimal development.

**Hap Hawkins**

I'm satisfied with the area, campsites, and lack of people, except for holidays. I tend to stay away from the lake area at those times. See what you can do about changing the weather pattern, to bring the water level back up to full pool during the summer months!

Site	Comments regarding satisfaction with this site
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Barretts	
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Great site.

Appreciate having a natural site with good scenery to overnight after a day on the road in an RV.

I wouldn't know where to begin - good fishing, lots of different bird species - the cliffs at sunset, good camp neighbors, often fellow fishermen. It's my favorite campsite anywhere.

I go only in winter to walk my dog. Seldom anyone else there. Occasional dog walks.

The Parks Dept. of Montana can be proud of a good place to stay and enjoy Montana. I'm glad to comment on your survey.

Beautiful - Lot of road noise.

I am satisfied with what I see here.

Great site.

A great place to stay. Don't change a thing!

Thank you very much.

Nice but we are not too familiar with the area.

We appreciate being able to use this site for overnight camping and plan to visit this area again because of this facility.

I really like this place. It has beautiful scenery and its location is wonderful. Not too far from Dillon but far enough.

Too much noise from interstate 15.

Very nice.

<b>Site</b>	<b>Satisfied.</b> <b>Comments regarding satisfaction with this site</b>
	<p>Really like the ease and no fee area. Please keep it like it is.</p> <p>Very satisfied. The no fee site is one of the best features. Were there a fee we all would go elsewhere.</p> <p>Montana has no rec. areas available between the Idaho border and Hamilton and Missoula. It is so nice to be able to stop at Barretts for a while. We would like to see it remain open.</p> <p>Great place with water access. Safe. Only bad thing is the 2am train! Scared the life out of us!</p> <p>Thank you for not charging fees to use campsite.</p> <p>Only rest stop between Stoddard creek, Idaho and continental divide south of Butte on I-15.</p> <p>Too many out of staters.</p> <p>Great site to view wildlife on west side of road Rattle Snake Cliffs. Great for walking.</p> <p>Could be larger.</p> <p>Very satisfied, like the non fee site.</p> <p>I had a blast!!</p> <p>Great site! Very peaceful!</p>
<b>Beaverhead</b>	<p>Clean, quiet, great people.</p> <p>Stopped for lunch on way to Missoula from Jackson. Saw the dam and facility and was delighted with the break.</p>

There is an excellent host (John) but he needs help with unruly campers on occasion.

**Site**

**Comments regarding satisfaction with this site**

Very satisfied! The environment is outstanding and the prettiest I have encountered in my 1st year of full-timing. Also, excellent picnic tables!

This survey does not indicate an overall viewpoint of people who enjoy this area throughout the year. It ask questions primarily about a specific day or trip. I have been going to Clark Canyon many times per year for over 30 years. I have enjoyed this area for that period of time and hope it changes very little in the near future.

We enjoy going there. No one can control weather, or the types of people we encounter. We don't need to lose any more of our sites just because of the drought. People will still come and need a place where they can relax and just enjoy being there.

I am glad there is no fee to visit.

This has been a lovely place for us to just relax and enjoy being in a place without an agenda. We are full time RV'ers and need "time out" at times.

Glad this was here - we just stopped to rest from our long days drive and have lunch on our way to Kalispell. Very quiet place to relax before hitting the road again.

This site has always been clean and always windy.

Super

Needs more water in lake.

People are doing a good job with what they have to contend with.

Good location. May come back in future.

I like the fact that this is still a no fee area - one of few.

**Site**

**Comments regarding satisfaction with this site**

Keep Clark Canyon Reservoir no fee required.

I really like the non-fee basis for this place. Should be more like this for the average low-income person to enjoy.

Handicappers could never get water from the pump if they were dying or the elderly.

It was a pleasant fishing trip.

Cherie delightful, charming, and informative THANKS!

I enjoy the fact that this is a no fee area!

**Fishing Access**

We love the Beaverhead.

Other than the opening of the trout season when it is really crowded, I visit during the week and find few people. It's the best place to relax, unwind and have a chance to fish for large trout.

There was no charge.

Love the fishing.

Fish were a bit too picky! Early morning went by too fast!

**Overlook**

Thank God it shows up on the map! We never would have come here!

Well satisfied.

I like not having to pay a fee to use this site!

Great

<u>Site</u>	<u>Comments regarding satisfaction with this site</u>
	<p>Good for what we needed - a place to stop away from the highway.</p> <p>Very interesting area</p> <p>I enjoy the fact this is a non-fee use area. If fees were introduced I would not return. Clark Canyon is not an ideal camping area, unpredictable weather. There are other non-fee areas close by, I will go to them if a fee is ever introduced at Clark Canyon.</p> <p>Explanation about Lewis and Clark was most appropriate.</p> <p>We were glad we were able to see this because we had heard so much of the L &amp; C site. I over estimated my "miles" have been 2200 not 2800.</p> <p>The fishing can be feast or famine. The low water impacts my satisfaction, however skill and luck are other factors. I feel the fish can revive if the drought departs. There can be some Big fish here!</p> <p>Very nice, but too bad the site of the encampment is flooded.</p> <p>It's clean , peaceful, only a few people. Thank you.</p> <p>It seems like a nice spot to visit.</p> <p>I appreciated the covered tables in picnic area and overlook site for group to get out of heat and sun as we enjoyed discussing Lewis &amp; Clark and Native American history.</p> <p>Dillion info center- very good.</p> <p>While she is doing this our dog can fetch and swim. If we don't go at least once a week our dog just keeps barking until we do. Do not make this a fee area.</p>

Terrific place for Dillon residents to escape for a few hours.

### **Lewis and Clark**

Overall it's a nice place to come to.

### **Site**

### **Comments regarding satisfaction with this site**

It was great.

Biggest dissatisfaction is it's too damn hot! (Nobody's fault!)

Bird Poop on Table.

We enjoy coming here and will continue to do so (as long as there's water).

### **Horse Prairie**

See above, am extremely dissatisfied with lack of conservation of stored water for other resources.

Get this surveying gal better gear for winter work.

This site should remain about the same as it is. There are enough activities for everyone. The reason it does get use is because it is a no-fee recreation area. When fees are charged people will not use the facilities.

I've used the site primarily for tent camping because of proximity to where I study birds - it's clean and convenient - the picnic shelters are a bonus for tent campers to set up a kitchen.

I like the no fee, the view, This time of year (fall) the quietness of it.

Beautiful Scenery

I enjoy fishing at this site, because it lacks a lot of people, I go fishing to get away from the noise of the city.

Its location! Hunting areas, Dillon easy to get to,  
Buffalo Lodge - food, Dell Calf A – food.

It's quiet and well taken care of.

Have always enjoyed our stays at Clark Canyon. New  
outhouses were a great improvement.

<b>Site</b>	<b>Comments regarding satisfaction with this site</b>
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We really enjoy the peacefulness of this site.

Quit developing recreation sites, leave things alone.

I am satisfied.

I only use the Clark Canyon Reservoir in the winter for  
ice fishing. I have not been very successful at catching  
fish there, but it is close to home and has good access.

Find a way to fill the dam and cut the downstream use.  
Recreationists should have rights to in stream flow. Why  
do ranches control all water?

I realize with low water that the fish population has  
declined, but if planted properly and at the correct time  
it would become a better fishing area and could get  
back to the way it used to be. Clark Canyon could  
once again be the best fishery in this state and many  
other states.

I'm glad to see there still is a place that has no fees.

I've fished here 20 years. It has been great. The  
bathrooms are always clean. Everything is real nice. A  
great place to gather thoughts.

Excellent grounds, roads and campsite. I was very  
satisfied.

This is a wonderful fishing lake, please don't turn it into  
an overcrowded summer camping site, with more  
development.



Would be nice to see more water, more water  
increases the cover and food for the fish.

I like it. Thanks.

Our current biologist, Mr. Dick Oswald, has managed  
to keep our drought devastated area top quality for  
fishing. Kudos to him.

**Site**

**Comments regarding satisfaction with this site**

I'm on my way out of Montana. Just want the state to  
know that it was everything I expected and more. I saw  
the wildlife, the mountains, the scenery - the bear, fish,  
martins, eagles, deer, elk.. There were nice people,  
beautiful sunsets, awesome daybreaks, thank you.

Site is good, clean restrooms and campsites. Would not  
come here if it was a fee-based site.

**Cameahwait**

We just stopped to crash while traveling - no recreation  
plans in mind. I'm sure it's great if there is water and we  
were in to boating/fishing.

If any fees are instituted in this area as in FAS we will  
find another area/state to spend our time and money.

Met our needs!

Nice place to stay.

We enjoy the site being a non-fee area.

Today was a beautiful day, not much wind, quiet.

Good.

We enjoy this area and it is fine the way it is.

After looking once the survey you must realize this was  
a winter camp out which of course is extremely different

than a summer survey would entail. We like the area and will be back for fishing and camping.

**Lone Tree**

Everything around the lake is fine with me.

<b>Site</b>	<b>Comments regarding satisfaction with this site</b>
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OK

It's a good spot, good fishing and bird hunting.

**Red Rocks**

I am very satisfied with this site. I love it and hope I can keep coming out here for years.

I like the site just as it is.

Conrad Burns paroles to the ranching lobby to the detriment of the entire state.

**South Shore**

Need more trees in most locations.

I would like to see Clark Canyon remain as undeveloped as possible. Most recreational places in Montana are becoming too developed for you to really enjoy. With increased developed come more rules/regs. and fees, and more conflicts with others.

Like the site the way it is without further development.