

**SACRAMENTO MUNICIPAL UTILITY DISTRICT
UPPER AMERICAN RIVER PROJECT
(FERC NO. 2101)**

**VISUAL ASSESSMENT OF UPPER AMERICAN
RIVER PROJECT OPERATIONS
TECHNICAL REPORT**

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9.1 Aesthetics Study Plan

9.1.1 Pertinent Issue Questions

The Aesthetics Study Plan addresses the following Recreation and Aesthetics Resource Issue Questions:

42. Are Project facilities and operations consistent with the visual quality objectives in the Forest Service plan?
45. What is the visual impact of spoils pile (e.g. Slab Creek and White Rock adit)?
46. What are the visual impacts of stumps in the lakes (Buck Island or Rubicon Lakes)?
47. What are the Project related effects on aesthetics of lands under transmission lines?
67. What are the effects of Project facilities and operations on wilderness visual quality?

9.1.2 Background

The Aesthetics Resource Study will address visual resources and any specific issues regarding auditory resources associated with existing Project facilities and operations. The study will determine if there are visual Project-related affects associated with on-going Project operations, and if so how they could be mitigated or lessened.

The Project is located within a FERC Project Boundary surrounded by lands under federal management and county jurisdiction, for which there are differing approaches to the management of aesthetic resources. The Forest Service (USFS), which manages most of the land within the FERC Project Boundary, and Bureau of Land Management (USBLM), which manages a 40-acre parcel within the FERC Project Boundary, have established visual management systems that are used in the agency planning process to establish visual management objectives for the respective agency lands and waters. The USFS and USBLM have developed these management systems to comply with the National Environmental Policy Act (NEPA). Neither of these systems addresses auditory resources.

Most of the Project is located within the Eldorado National Forest (ENF) on lands managed by the USFS. The ENF is currently using the USDA Visual Management System (VMS) to manage the visual resources of the Forest (USDA Forest Service, 1974). The visual resources have been inventoried, and the management direction is reflected in the 1988 Land and Resource Management Plan (LRMP) (USDA Forest Service 1988) in terms of visual quality objectives (VQOs). The VQOs represent a composite rating of the scenic integrity or visual “variety” of the landscape, combined with a “sensitivity level” rating that reflects the number and relative concern of viewers for the scenic quality of the landscape. Landscape variety and sensitivity levels are combined with a “distance zone” rating which identifies the distance from which viewers typically experience the landscape. Based on inventory ratings and management direction, areas of the Crystal Basin are managed for retention, partial retention and modification VQOs:

Preservation (P). “This visual quality objective allows ecological changes only. Management activities, except for very low visual impact recreation facilities are prohibited. The objective applies to Wilderness Areas, primitive areas, other special classified areas, areas awaiting classification and some unique management units which do not justify special classification (USDA Forest Service 1974).” The Desolation Wilderness has a preservation VQO. Approximately 1,200 acres of the FERC Project Boundary, are located within the Desolation Wilderness including the Rubicon diversion, reservoir and tunnel. The 1969 Desolation Wilderness Act (Public Law 91-82) excludes the land within the FERC Project Boundary from wilderness designation. However, the act calls for the excluded lands “to be managed in a manner that is consistent with the adjacent wilderness.” Since it is not feasible to achieve a Preservation VQO (ecological change only) for the Project, the Forest Service management goal is to move as close to a Preservation VQO as is reasonable.

Retention (R). “This visual quality objective provides for management activities which are not visually evident. Under Retention, activities may only repeat form, line, color and texture which are frequently found in the characteristic landscape. Changes in their qualities of size, amount, intensity, direction, pattern, etc., should not be evident (USDA Forest Service 1974).”

Partial Retention (PR). “Management activities remain visually subordinate to the characteristic landscape when managed according to the partial retention visual quality objective. Activities may repeat form, line, color, or texture common to the characteristic landscape but changes in their qualities of size, amount,

intensity, direction, pattern, etc., remain visually subordinate to the characteristic landscape. Activities may also introduce form, line, color, or texture which are found infrequently or not at all in the characteristic landscape, but they should remain visually subordinate to the visual strength of the characteristic landscape (USDA Forest Service 1974).”

Modification (M). “Under the modification visual quality objective management activities may visually dominate the original characteristic landscape. However, activities of vegetative and land form alterations must borrow from naturally established form, line, color, or texture so completely and at such a scale that its visual characteristics are those of natural occurrences within the surrounding area or character type. Additional parts of these activities such as structures, roads, slash, root wads, etc., must remain visually subordinate to the proposed composition. Activities which are predominantly introduction of facilities such as buildings, signs, roads, etc., should borrow naturally established form, line, color, and texture so completely and at such a scale that its visual characteristics are compatible with the natural surroundings (USDA Forest Service 1974).”

The USBLM has a similar system to that of the USFS: the Visual Resource Management (VRM) system (USDI Bureau of Land Management 1984). The White Rock spoil pile is located on a parcel of land that is under BLM management. The applicable VRM classifications will be used for this parcel.

The general plans for El Dorado and Sacramento counties include goals and objectives associated with the protection of visual resources, however there are no inventory and assessment systems similar to those of the Federal agencies for managing visual resources. Therefore the aesthetic assessment of Project facilities on lands outside the ENF (except for BLM lands where the VRM system applies) will use the environmental checklist questions from the CEQA Guidelines for evaluating any on-going visual or auditory effects of the Project within El Dorado and Sacramento counties.

9.1.3 Study Objectives

The study objectives are listed below.

1. Identify the aesthetic condition of Project facilities.
2. Identify the aesthetic condition of Project operations in Project reservoirs and bypass reaches.
3. Identify the consistency of the Project with the aesthetic resource elements of management plans.
4. Identify opportunities to mitigate or lessen on-going Project-related impacts.

9.1.4 Study Area and Sampling Locations

The study area for the aesthetic assessment is defined as the portion of the Project that is within viewsheds managed by their respective agencies for visual quality. Viewsheds include foreground (0 to 0.5 miles) and middleground (0.5-5.0 mile) distance zones.

Within the ENF, sensitive viewing locations include primary and secondary travel routes (trails and roads) and recreation use areas (campgrounds, rivers, reservoirs and Desolation Wilderness) where the concern for visual quality is high. These travel routes and use areas are designated as Sensitivity Level 1 (high) or 2 (moderate) in the VMS. The study area within the ENF, is defined as the area containing Project facilities and operations that can be seen from foreground and middleground distance zones of sensitivity level 1 and 2 travel and river corridors and use areas.

For Project facilities and operations outside the ENF, sensitive viewing locations are defined as scenic vistas, scenic travel routes, and other public use areas of scenic value formally designated in the USBLM, El Dorado and Sacramento County planning documents. The study area is defined as Project facilities and operations that can be seen from foreground and middleground distance zones of sensitive viewing locations.

9.1.5 Information Needed From Other Studies

The following information will be needed from other UARP relicensing studies:

Recreation Studies - Throughout the analysis, information from the Recreation Supply, Recreation Demand, Recreation Needs, Recreation Carrying Capacity, and Visitor Use and Impact Survey studies will be monitored to identify potential changes to VQOs in response to changes in recreation use patterns that could affect sensitivity level ratings. Results from the Visitor Use and Impact Survey will also be monitored for information on Project areas where noise may be an issue. Noise information will be identified from open-ended survey questions regarding the quality of the recreation experience. Information on the type, source, location and duration of noise sources will be incorporated into the auditory assessment of the Project.

Hydrology Study - To photographically document the aesthetic effect of on-going Project operations in reservoirs and bypass reaches, hydrology of the Project will be reviewed and representative summer high, normal and low water surface elevations, and the minimum bypass flows will be identified.

9.1.7 Study Methods And Schedule

SMUD's goal for the aesthetic study will be to analyze the existing visual condition to determine to what degree it meets the agencies' respective visual management objectives. The Project will be evaluated by the TYG from sensitive viewing locations to determine if the existing on-going operation of the Project is in compliance with the respective land management direction for the visual resource. Where the Project meets the visual objectives, no actions will be proposed. Where the evaluation shows the management objective is not met, mitigation and/or enhancement measures will be proposed.

The Aesthetics Study will consist of three separate methodologies: 1) a visual assessment of Project facilities; 2) a visual assessment of Project operations; and 3) an auditory assessment of Project facilities and operations.

For Project lands within the ENF, which include Desolation Wilderness, the Forest's current VQO designations will provide visual management direction for the Project. VQO information will be obtained from the ENF, and the Sensitivity Level 1 and 2 areas identified. Areas of the Project where the Existing Visual Condition (EVC) may need field verification and will be noted for field checking.

For lands outside the ENF, the visibility of the Project will be documented and analyzed from scenic vistas, designated scenic highways, and other sensitive viewing locations identified in USBLM, El Dorado County and Sacramento County planning documents. Visual management direction for the USBLM, El Dorado and Sacramento counties is defined by specific goals and objectives in planning documents regarding visual and scenic resources.

Visual Assessment of Project Facilities

Project facilities will be assessed based on their compatibility with established management direction for the visual resource. This will be evaluated by documenting the existing visual condition and visibility of Project facilities from Key View Points (KVPs). KVPs are photo locations that will be located in sensitive viewing locations and represent the typical views experienced by visitors in the area. Existing KVPs established by the ENF for the Project will be used where available. Photographs from KVPs will be used to evaluate the visual contrast that exists between Project facilities and the surrounding landscape. The degree of visual contrast with the surrounding characteristic landscape will determine the extent to which Project facilities are consistent with visual management direction.

For the ENF, sensitive viewing locations are defined by sensitivity level 1 or 2 travel and river corridors and use areas. For El Dorado and Sacramento counties, sensitive viewing locations are designated scenic vistas and roadways and other public areas identified in planning documents. For BLM lands, VRM designations for high and moderate sensitivity level areas will define the sensitive viewing locations.

Visual Assessment of Project Operations

The visual assessment of Project operations will identify reservoirs and sections of bypass reaches that are seen from sensitive viewing locations, as defined above. Representative views of each reservoir and bypass reach will be selected as a KVP from which photographs of reservoir water surface elevations, and instream flows will be documented. For Project reservoirs, documentation will consist of a representative summer high, normal and low water surface elevation. For Project bypass reaches, documentation will consist of the minimum instream flow.

Union Valley, Loon Lake and Ice House reservoirs have been identified by the Recreation TWG as Project reservoirs where draw down may potentially affect the aesthetic and recreation experience of visitors. To address this issue, the Licensee will develop a survey instrument in consultation with the Forest Service and other interested parties, and implement it to evaluate visitor's aesthetic expectations for, and satisfaction with water surface elevations at Union Valley and Ice House reservoirs (the Visitor Use and Impact Study will address facility issues such as boating access associated with water surface elevations). The survey will document visitors' historical and current visit to the reservoirs and the expectations and satisfactions with the water surface elevations during those visits. Where visitor use has been displaced due to dissatisfaction or other Project-related factors, the alternate use locations will be identified. Surveys will be conducted during the primary recreation season (Memorial Day through Labor Day) and visual simulations of reservoir surface elevations will be used to assist respondents in identifying historical reservoir elevations that are not present on the day of the survey. The goals of the survey will be to (1) identify a water surface elevation or elevation range, at the reservoirs where visitors' expectations for and satisfaction with water levels are adversely affected by Project operations, and (2) identify actions visitors take when they are dissatisfied and the location of displaced use that may occur as a result of reservoir levels.

Noise Assessment of Project Facilities and Operations

Potential noise issues will be identified during field studies for the visual assessment of Project facilities, which will be conducted during times of recreation use. During field visits, potential sources of noise associated with the Project (generation, transmission, or recreation use) will be noted on field forms, including the source, location, duration and relative sound level. Field information will be cross-referenced with results from the (Visitor Use Survey to determine where noise is perceived to be an issue by visitors. Information on the type, source, location and duration of noise sources will be documented.

9.1.8 Analysis

The aesthetic assessment of the Project from KVPs may identify areas where the Project results in visual contrasts that are inconsistent with visual management direction. Where the Project is determined to not be in compliance with visual management direction, potential measures will be proposed to enhance the aesthetic resources of the Project. The purpose of such measures will be to lessen visual contrasts and bring the Project further into compliance with visual management direction. Examples of such measures could include vegetation screening or painting of facilities.

The auditory assessment of the Project will identify areas where noise is perceived to be an issue by sensitive viewers, primarily recreationists. Where noise issues exist, the source of the noise will be identified, and potential auditory measures to lessen the noise impacts defined. An example of an auditory measure could include development of use regulations to control or limit the generation of noise associated with recreation activities.

9.1.9 Study Output

Preliminary study results will be presented to the Recreation and Aesthetics Technical Working Group (TWG) and the Plenary Group in late 2002. The study output will be a written report that includes issue question(s) addressed, objectives, study area, methods, analysis, results, discussion, and conclusions. The report will include maps of the KVPs and Project facilities, and photographs of the view from KVPs. The report will be prepared in a format that allows the information to be inserted directly into the Licensee's application and will include any recommended PM&Es.

9.1.10 Preliminary Estimated Study Cost

A preliminary cost estimate for this study will be developed after approval by the Plenary Group.

9.1.11 Plenary Group Endorsement

This study plan was approved on February 19, 2002 by the following entities of the TWG: ENF, SWRCB, American River Recreation Association, NPS, BLM and SMUD. This study plan will be sent out to other members of the Recreation and Aesthetics TWG for their consideration. The Plenary Group approved the plan on June 5, 2002. The participants at the meeting who said they could “live with” this study plan were PCWA, El Dorado County, BLM, BOR, USFS, CSPA, SMUD, FOR, PG&E. None of the participants at the meeting said they could not “live with” this study plan.

9.1.12 Literature Cited

SMUD (Sacramento Municipal Utility District). 2001. Initial Information Package for Relicensing of the Upper American River Project.

USDI (United States Department of the Interior) Bureau of Land Management. 1984. 8400-Visual Resource Management.

USDA (United States Department of Agriculture) Forest Service. 1988. Eldorado National Forest. Land and resource management plan. USDA Forest Service, Pacific Southwest Region, San Francisco, CA.

USDA Forest Service. 1974. National Forest Landscape Management, Volume 2, Chapter 1, The Visual Management System, Agriculture Handbook Number 462.

VISUAL ASSESSMENT OF UPPER AMERICAN RIVER PROJECT OPERATIONS TECHNICAL REPORT

SUMMARY

The Aesthetics Study Plan calls for the development and implementation of surveys to evaluate visitor's aesthetic expectations for, and satisfaction with water surface elevations at Loon Lake, Union Valley, and Ice House Reservoirs. SMUD worked with the Forest Service to develop instruments and protocols for a survey that was conducted in the summer of 2003. Onsite interviews with reservoir visitors were conducted based on a stratified random sampling method at a level to ensure a representative sample of each of the three reservoir populations at the 95 percent confidence level within a margin of error of ± 10 percent. Objectives of the study were to: (1) identify visitors' expectations for, and satisfaction with reservoir levels; (2) identify whether the reservoir's appearance negatively affected visitors' experience; (3) identify actions visitors take when they are dissatisfied, and (4) identify a reservoir level or elevation range where expectations and satisfaction with water levels is adversely affected by UARP operations.

In addition to being asked about their historical and current use and satisfaction with reservoir levels, visitors were shown three pictures of different reservoir elevations and asked what their level of satisfaction would be if the reservoir looked like this during their visit, and what if any actions they would take, such as relocating, in response to that reservoir level.

Loon Lake Reservoir

Only one-third of the respondents at Loon Lake Reservoir had an expectation for the reservoir level. Of those that did, most thought it would be about where it is, although responses ranged from much lower to higher. Of the respondents who have visited Loon Lake Reservoir before, 15 percent said they have been dissatisfied with water levels in the past.

Most respondents (92%) at Loon Lake Reservoir were neutral, satisfied or very satisfied with reservoir elevations at and above 6,399 feet (11 feet below full pool). About half of the respondents were dissatisfied or very dissatisfied at elevation 6,390 feet (20 feet below full pool), but only a quarter of respondents would find the 6,390-foot elevation having a negative affect on their experience. At the 6,390-foot elevation, 16 of the 83 respondents (19%) said they would make changes to their recreation plans. Most (9) would either go or stay home, go to another unspecified location with more water (4), stay at the reservoir and change activities (2), or go to another UARP reservoir (1). None of the changes at the 6,390-foot elevation were to relocate to an unspecified non-UARP location within the Eldorado National Forest.

Union Valley Reservoir

About half of the respondents at Union Valley Reservoir had an expectation for the reservoir level. Of those that did, most thought it would be about where it is, although responses ranged from much lower to much higher. Of the respondents who have visited Union Valley Reservoir before, 38 percent said they have been dissatisfied with water levels in the past.

Over three-fourths of the respondents (78%) at Union Valley Reservoir were neutral, satisfied, or very satisfied with the 4,852-foot reservoir elevation (17 feet below full pool). At elevation 4,816 feet (54 feet below full pool), seventy percent (70%) of the respondents were dissatisfied or very dissatisfied with the appearance of the reservoir. In addition, 72.2 percent of respondents said their experience would be negatively affected at the 4,816-foot level. At the 4,816-foot elevation, 48 of the 108 respondents (44%) said they would make changes to their recreation plans. Nearly half of the changes (25) were to go or stay home, followed by moving to an unspecified location where there was more water (12), relocating to another UARP reservoir (9), or changing activities (6) (up to two responses were recorded per respondent). In addition, one change was to relocate to an unspecified non-UARP location within the Eldorado National Forest.

Ice House Reservoir

About half of the respondents at Ice House Reservoir had an expectation for the reservoir level. Of those that did, most thought it would be about where it is, although responses ranged from much lower to much higher. Of the respondents who have visited Ice House Reservoir before, 34 percent said they have been dissatisfied with water levels in the past.

Most respondents (88%) at Ice House Reservoir were not dissatisfied with reservoir elevations at and above 5,438 feet (12 feet below full pool). At elevation 5,425 feet (25 feet below full pool), fifty-five percent of the respondents were dissatisfied or very dissatisfied with the appearance of the reservoir. Similarly, 46.5 percent of respondents said their experience would be negatively affected at the 5,425-foot level. At the 5,425-foot elevation, 25 of the 101 respondents (25%) said they would make changes in their recreation plans. Nearly half of the changes (14) were to go or stay home, followed by staying at the reservoir and changing their activities (6), moving to another UARP reservoir (5), and relocating to an unspecified location where there was more water (4). None of the changes at the 5,425-foot elevation were to relocate to an unspecified non-UARP location within the Eldorado National Forest.

1.0 INTRODUCTION

This technical report is one in a series of reports prepared by Devine Tarbell & Associates, Inc., (DTA) and Martha Goodavish Planning & Design for the Sacramento Municipal Utility District (SMUD) as an appendix to SMUD's application to the Federal Energy Regulatory Commission (FERC) for a new license for the Upper American River Project (UARP). The report addresses the aesthetic resources and includes the following sections:

- **BACKGROUND** – Summarizes the applicable study plan approved by the UARP Relicensing Plenary Group; a brief description of the issue questions addressed, in part, by the study plan; the objectives of the study plan; the study area, and agency information requests. In addition, requests by resource agencies for additions to and modifications of this technical report are described in this section.
- **METHODS** – A description of the methods used in the study, including a listing of study sites.
- **RESULTS** – A description of the salient data results and analysis of the results, where appropriate.
- **FINDINGS** – A broad statement of the study findings.
- **LITERATURE CITED** - A listing of literature cited in the report.
- **APPENDICES** – Appendices A through F provide additional visual assessment information. Appendices A, C and E are visual assessment tables of UARP features for each of the UARP areas (Desolation Wilderness, Crystal Basin, and Canyon Lands). Appendices B, D and F are site photographs of UARP features.

This technical report does not include a detailed description of the UARP Alternative Licensing Process (ALP) or the UARP, which can be found in the following sections of SMUD's application for a new license: The UARP Relicensing Process, Exhibit A (Project Description), Exhibit B (Project Operations), and Exhibit C (Construction).

Also, this technical report does not include a discussion regarding the effects of the UARP on aesthetics and associated environmental resources, nor does the report include a discussion of appropriate protection, mitigation, and enhancement measures. An impacts discussion regarding the UARP is included in the applicant-prepared preliminary draft environmental assessment (PDEA) document, which is part of SMUD's application for a new license. Development of resource measures will occur in settlement discussions, which will commence in 2004, and will be reported on in the PDEA.

2.0 BACKGROUND

The UARP Recreation and Aesthetics Technical Working Group (Recreation TWG) developed one study plan that pertained specifically to the visual assessment of UARP operations: the Aesthetics Study Plan. This study plan is discussed below.

2.1 Aesthetics Study Plan

On June 5, 2002, the UARP Relicensing Plenary Group approved the Aesthetics Study Plan that was developed and approved by the Relicensing Recreation TWG on February 19, 2002 (SMUD 2002). The study plan was designed to address, in part, the following issue questions developed by the UARP Relicensing Plenary Group:

- | | |
|--------------------|---|
| Issue Question 42. | Are Project facilities and operations consistent with the visual quality objectives in the Forest Service plan? |
| Issue Question 45. | What is the visual impact of spoils pile (e.g. Slab Creek and White Rock adit)? |
| Issue Question 46. | What are the visual impacts of stumps in the lakes (Buck Island or Rubicon Lakes)? |
| Issue Question 47. | What are the Project related effects on aesthetics of lands under transmission lines? |
| Issue Question 67. | What are the effects of Project facilities and operations on wilderness visual quality? |

The study method was divided into three phases: 1) assess the visual impacts related to UARP facilities; 2) assess the visual impacts related to UARP operations; and 3) assess the noise impacts associated with UARP operations.

The objectives of Phase 2 of the study were to:

1. Evaluate visitor's aesthetic expectations for, and satisfaction with, water surface elevations at Ice House, Union Valley and Loon Lake Reservoirs.
2. Identify whether reservoir appearance is negatively affecting visitor's experience.

3. Identify actions visitors take when they are dissatisfied, and the location of displaced use that may occur as a result of reservoir levels, and
4. Identify a water surface elevation or elevation range, at the three storage reservoirs where visitors' expectations for and satisfaction with water levels are adversely affected by Project operations.

This *Visual Assessment of Upper American River Project Operations Technical Report* addresses Issue Question 42 and the four study objectives, to a degree, and summarizes the results of phase 2 of the methods: assess the visual impacts related to UARP operations. As stated above, the development of resource measures will be done in 2004 by the Recreation TWG and Settlement Negotiation Group. Thus, this technical report only provides the results of SMUD's assessment. The remaining Aesthetic Study Plan issue questions and associated portions of the study plan are addressed in the *Visual Assessment of Upper American River Project Features Technical Report*.

The study area for the assessment of visual impacts of UARP operations included UARP reservoirs and UARP reaches that are seen from sensitive viewing locations. Viewsheds included foreground (0 to 0.5 miles) and middleground (0.5 to 5.0 miles) distance zones. In developing the Survey Protocol for the Phase 2 assessment (Appendix A), the Recreation TWG subgroup agreed that only the three primary storage reservoirs warranted analysis, and no analysis was needed in any of the reaches below UARP dams.

2.2 Water Year Types

As described in the *Water Temperature Technical Report*, the UARP Relicensing Water Balance Model Subcommittee established five water year types to be applied to all preliminary analysis with the understanding that the UARP Relicensing Plenary Group, with cause, may modify the current water year types in the future. For reference purposes, the water types that would have applied to the period when the fieldwork for this *Visual Assessment of Upper American River Project Operations Technical Report* was performed are described in Table 2.2-1.

| Year | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec |
|------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|
| 2003 | BN | BN | BN | D | BN | BN | BN | BN | BN | BN | BN | BN |

AN=Above normal water year, D=Dry water year, BN=Below normal water year.

2.3 Recreation TWG Determination of Adequacy

At the July 28, 2004 Recreation TWG meeting, the Recreation TWG determined that the *Technical Report on Visual Assessment of Project Operations*, dated February 2004, is adequate. No additional needs were identified at the July 28, 2004, meeting for this report.

3.0 METHODS

SMUD completed Phase 2 of the Aesthetics Study Plan using the Forest Service-approved survey protocol methods (Appendix A). These are described in detail below.

3.1 Survey Instrument

A protocol for the survey was developed similar to that used for the 2002 Recreation Users Survey developed for visitors to UARP facilities [see SMUD's *Visitor Use and Impacts Technical Report*]. The survey was designed to collect information on visitors' historical and current use of the Loon Lake, Ice House and Union Valley reservoirs and visitors' expectations for and satisfaction with reservoir levels from an aesthetics perspective. Visitors who had previously visited one or all of the reservoirs were asked about any actions taken in response to reservoir levels, such as relocating to another reservoir or area to recreate. Attachment 3 of Appendix A contains the survey instruments used at each of the reservoirs.

In addition to being asked about their historical and current use and satisfaction with reservoir levels, visitors were shown pictures of different reservoir elevations and asked what their level of satisfaction would be if the reservoir looked like this during their visit, and what if any actions they would take, such as relocating, in response to that reservoir level. The pictures shown to visitors were photographs of actual reservoir levels taken over the course of the previous year. Table 3.1-1 lists the pictures used for the survey, and the pictures are included in this report in Appendix B.

| Reservoir Location | Viewpoint Location | Picture Title | Viewpoint Photo Date | Res. Elev. (Drawdown) |
|---------------------------|---------------------------|------------------------|-----------------------------|------------------------------|
| Ice House Reservoir | 1. Picnic Area | Low Elevation | May 5, 2003 | 5425 (25 ft.) |
| | | Intermediate Elevation | May 28, 2003 | 5438 (12 ft.) |
| | | High Elevation | July 6, 2002 | 5448 (2 ft.) |
| Union Valley Reservoir | 2. Lone Rock Campground | Low Elevation | Nov 5, 2002 | 4816 (54 ft.) |
| | | Intermediate Elevation | May 5, 2003 | 4852 (17 ft.) |
| | | High Elevation | July 6, 2002 | 4867 (3 ft.) |
| | 3. Fashoda Picnic Area | Low Elevation | Nov 5, 2002 | 4816 (54 ft.) |
| | | Intermediate Elevation | May 5, 2003 | 4852 (17 ft.) |
| | | High Elevation | July 6, 2002 | 4867 (3 ft.) |
| | 4. Wolf Creek Campground | Low Elevation | Nov 5, 2002 | 4816 (54 ft.) |
| | | Intermediate Elevation | May 5, 2003 | 4852 (17 ft.) |
| | | High Elevation | July 6, 2002 | 4867 (3 ft.) |
| Loon Lake Reservoir | 5. Picnic Area | Low Elevation | May 28, 2003 | 6390 (20 ft.) |
| | | Intermediate Elevation | Oct. 17, 2002 | 6399 (11 ft.) |
| | | High Elevation | July 6, 2002 | 6407 (3 ft.) |

The photographs were referred to as “pictures” because they had been digitally edited to minimize differences between the photographs in order to reduce potential bias and to focus the viewer’s attention on the reservoir conditions. The Recreation TWG subgroup approved these pictures before the surveys were conducted.

3.2 Survey Locations

Surveys were conducted at developed campground and day-use sites and dispersed areas at Ice House, Union Valley, and Loon Lake reservoirs (Table 3.2-1). The pictures shown at the interview sites were the viewpoint closest to where the visitor was interviewed and/or the viewpoint that was generally most representative of the reservoir conditions at the interview site. For example, at Union Valley Reservoir, pictures from a viewpoint at Wolf Creek Campground were used at Wolf Creek, Yellow Jacket and Camino Cove because Wolf Creek Campground is the closest viewpoint and it is generally representative of the viewing experience from those sites. Table 3.2-1 identifies the survey locations and the corresponding viewpoint locations. Visitors were shown three pictures of different reservoir elevations from one viewpoint, one at a time, and asked questions about their expectations and satisfaction with the appearance of the reservoir. Visitors responded to the questions about the one picture they were looking at before the next picture was shown to them. The presentation of the different reservoir elevations was randomized to avoid people anticipating questions and responses.

| Table 3.2-1. Aesthetics Survey Site Locations and Viewpoint Locations. | | | | | |
|---|---------------------------|-------------------------------|---------------------------|----------------------------|---------------------------|
| Ice House Reservoir | | Union Valley Reservoir | | Loon Lake Reservoir | |
| <i>Survey Location</i> | <i>Viewpoint Location</i> | <i>Survey Location</i> | <i>Viewpoint Location</i> | <i>Survey Location</i> | <i>Viewpoint Location</i> |
| Boat Launches | | | | | |
| Ice House BL | Ice House PA | Sunset BL | Lone Rock CG | Loon Lake BL | Loon Lake PA |
| | | West Point BL | Lone Rock CG | | |
| Day Use Areas | | | | | |
| Ice House PA | Ice House PA | Fashoda CG / PA | Fashoda PA | Loon Lake PA | Loon Lake PA |
| Campgrounds | | | | | |
| Ice House CG | Ice House PA | Jones Fork CG | Lone Rock CG | Loon Lake CG | Loon Lake PA |
| Strawberry Point CG | Ice House PA | Sunset CG | Fashoda PA | Northshore CG | Loon Lake PA |
| Northwind CG | Ice House PA | Wolf Creek CG | Wolf Creek CG | | |
| | | Camino CG | Wolf Creek CG | | |
| | | Wench Creek CG | Fashoda PA | | |
| | | Yellow Jacket CG | Wolf Creek CG | | |
| Dispersed Areas (see definitions in text) | | | | | |
| Road 11N52 | Ice House PA | Dam Area & North Shore Road | Lone Rock CG | Between Dams | Loon Lake PA |

The dispersed survey locations were defined as follows and were based on annual use estimates derived from the 2002 Recreation Users Survey dispersed survey log sheets, excluding the winter use:

Ice House Reservoir Dispersed Area: dispersed use that occurs along Road 11N52; 2,300 recreation days (a recreation day is defined as a visit by a person during any portion of a 24-hour period); all day-use (treated as a “day use area” facility type for survey scheduling).

Union Valley Reservoir Dispersed Area: dispersed use that occurs near Union Valley Dam (near intake structure, West Point Boat Launch – between the two launches and adjacent to the parking lot, in the West Point peninsula, and any dispersed recreationists that can be identified and located by driving along the north shore road system from West Point Campground to the intersection of Road 12N50 and Ice House Road); 2,500 recreation days; 50 percent day-use and 50 percent overnight use (treated as a “campground” facility type for survey scheduling).

Loon Lake Reservoir Dispersed Area: dispersed use that occurs between the Auxiliary Dam and the Main Dam; 16,900 recreation days; most overnight use (treated as a “campground” facility type for survey scheduling).

3.3 Survey Population

The survey population was defined as the recreation users of Ice House, Union Valley, and Loon Lake Reservoirs. Sample units were considered to be the individuals responding to the survey, not the groups accompanying them on their visit. Individuals under 18 years of age were not eligible for inclusion. Eligible individuals were allowed to respond once to the survey.

Each reservoir was considered a separate population. Survey sampling was conducted in a manner that allows the survey results to be representative of the respective reservoir populations. A sample size of approximately 100 per reservoir was the goal, resulting in a 95 percent confidence level within a margin of error of ± 10 percent for each reservoir. The survey instrument was designed to anticipate the potential for limited sub-sampling, for example, campground respondents verses boat launch respondents.

The Forest Service provided 1999 through 2002 visitor use data in recreation days for each facility to be surveyed. From these data, the annual average recreation-days for each facility were calculated. During the May 28, 2003 survey planning meeting, Forest Service and SMUD agreed to use the annual average recreation days for each facility as the basis for determining the survey population and the expected number of samples per facility. Using a stratified random sample design, similar to that used for the 2002 Recreation Users Survey, the number of surveys to be conducted at each facility per reservoir was proportional to the number of visitors for each facility.

3.4 Survey Schedule

Interview surveys were conducted during the Summer 2003 primary recreation season. Pre-testing occurred on May 17 and 26, and the actual survey period began on June 15 and ended on

September 1. The survey for the three reservoirs consisted of face-to-face interviews using the standardized instrument shown in Attachment 3 of Appendix B.

Sampling days were determined randomly on a rotating basis of one weekend day to one weekday. The equal sampling distribution between weekdays and weekend days was designed to compensate for the fact that midweek use is approximately half of the weekend use. Enough days were randomly generated to accommodate the number of surveys anticipated to be required for each facility. The interview times used were identical to the times SMUD and the Forest Service agreed to use for the 2002 Recreation Users Survey:

- Boat Launches: 10 am to 2 pm and 3 pm to 7 pm
- Campgrounds: 7 am to 10 am and 4 pm to 7 pm
- Picnic Areas: 10 am to 2 pm and 2 pm to 6 pm

The number of expected interviews to occur per day at each site was based on the assumption that one completed survey would take approximately 30 minutes. This time period includes pre- and post-survey activities as well as travel time between interview subjects. Therefore, one interviewer was expected to complete a maximum of six surveys within a three-hour interview period or eight surveys within a four-hour interview period. The Forest Service provided figures for the number of completed interviews obtainable for any given interview period for the 2002 Recreation Users Survey. Those figures were used in this scheduling plan.

At all locations, respondent selection was based on an “*n*th” sampling procedure (i.e., an *n* of 2 means every other group is selected, an *n* of 3 means every 3rd group is selected, etc.). In campgrounds, the *n*th sampling procedure began with a randomly selected campsite as the starting point. At boat launches and day use facilities, interviewers excluded “quick stop” people from their potential pool (e.g., those just stopping to put garbage in a dumpster). An *n* of 2 was used at all facilities except for the larger campgrounds (Ice House, Sunset, Wench Creek and Loon Lake) where an *n* of 5 was used to allow a greater range of campsites to be surveyed. For the dispersed areas, an *n* of 0 was used except for the Loon Lake Reservoir dispersed area on weekends, where an *n* of 3 was used. Affinity bias was minimized by precise instruction to the interviewers that when approaching a group, the interviewer selects the respondent via a “birthday quiz” whereby selection is made based on the closest birthday to the date of survey.

4.0 RESULTS AND ANALYSIS

4.1 Loon Lake Reservoir

A total of 83 visitors were surveyed at Loon Lake Reservoir (LLR) between June 15 and September 1, 2003 in accordance with the survey protocol. Surveys were conducted at all the survey locations listed in Table 3.2-1, and ranged from a low of three surveys taken at the Northshore Campground to a high of 40 surveys taken at the dispersed area between the two dams. The 83 completed interviews resulted in a ±11 percent margin of error at the 95 percent confidence interval. Figure 4.1-1 depicts the LLR elevations during the survey season, as well as historical exceedance elevations. At the start of the survey, LLR elevation was at 6,406 feet. It

rose to a high of 6,409 feet in late June, and lowered to 6,402 feet by the end of the survey. The results described below were derived from corresponding frequency tables contained in Appendix C.

Survey questions 1 through 5 provided information on respondent characteristics. The majority of respondents came from the surrounding counties: Sacramento (38.6%), El Dorado (15.7%), and Placer (4.8%). The remainder came mostly from other areas in California (Bay Area, Central Valley, Northern and Southern California). Nearly all the respondents (90.4%) were on overnight trips.

4.1.1 Satisfaction with Historical Reservoir Elevations

Survey questions 6 through 10 asked return visitors about their satisfaction with LLR elevations in the past. Of the 83 visitors surveyed at LLR, about half (40 visitors) were return visitors. The number of years these visitors had been returning was dispersed fairly evenly from two to 40 years.

Most of the return visitors (82.5%) had a preference for the time of year they visited LLR. Of the 128 responses given, over half (66.4%) preferred summer (June, July August). Remaining responses were roughly split between spring (Mar, April, May) with 13.3 percent, and fall (September, October, November) with 18 percent.

Return visitors gave 37 reasons why they preferred the months to visit that they did. Of these, the most numerous responses (56.8%) were: 1) due to weather; and 2) summer time (kids out of school, vacation time, more free time). Other preferences for a time of year included having access to roads and trails, fishing quality, less crowded, tradition, hiking and camping. None of the respondents gave water level or water conditions as reasons for preferring a particular time of year.

When the 40 return visitors were asked if they had ever been dissatisfied with LLR water levels, 85 percent said no. Of the six respondents that said they had been dissatisfied, all gave low water level as the reason for their dissatisfaction. When the six were asked if they changed their plans because of their dissatisfaction, two said they did. Of those, one stayed at LLR and did not boat though that was one of the visitor's planned recreation activities, and the other visitor went to another UARP reservoir.

The final survey question regarding historical water elevations (#10) was whether visitors had ever relocated in the past due to reservoir levels. This question was similar to the previous question but asked differently. The previous question asked whether they had been dissatisfied with reservoir levels and then their reasons and actions in response to their dissatisfaction. This question asked if they had ever relocated and the reasons for that relocation. The purpose of the question was to capture whether there were other reasons besides dissatisfaction that were causing people to leave IHR. Results to Question 10 were the same as Question 9 with one respondent (2.5%) saying they had relocated in the past and that they had gone to another UARP reservoir.

4.1.2 Satisfaction with Reservoir Elevation During Visit

Only one of the 83 respondents found the overall appearance of the reservoir to be unpleasing. The remaining 98.8 percent of respondents found the reservoir elevation during their visit to not be dissatisfying (74.7% said pleasing, 21.7% said pleasing, and 2.4% were neutral). Similarly, when asked if the water level negatively affected their experience, all responders said no.

4.1.3 Expectations for Reservoir Elevation

Question 13 asked the 83 respondents if they had an expectation for what the water level would be at LLR prior to arriving for their current trip. The majority of respondents (67.5%) said that they did not have an expectation. Of the 25 respondents that did have an expectation, most (44%) said they expected it to be about where it was. The remaining responses were about split between lower and much lower (32%) and higher (24%).

4.1.4 Satisfaction with Reservoir Pictures

Survey questions 14 through 19 asked interviewers to show survey respondents three pictures of LLR as seen from the picnic area, at a representative high, intermediate and low elevation (see Table 3.1-1). The interviewer randomly selected one of three pictures, showed it to the respondent, and asked a series of questions regarding their satisfaction with the reservoir appearance in the picture. This was repeated for the other two pictures.

4.1.4.1 High Reservoir Elevation Picture

The elevation depicted in the high picture of IHR shows the water level at 6,407 feet, three feet below full pool. Of the 83 survey respondents, none were dissatisfied with the appearance of the reservoir at this level. All but one said they would be either satisfied or very satisfied, and the one remaining respondent was neutral (neither satisfied nor dissatisfied).

Survey respondents were also asked whether the appearance of the reservoir in the high picture would negatively affect their experience. None said it would.

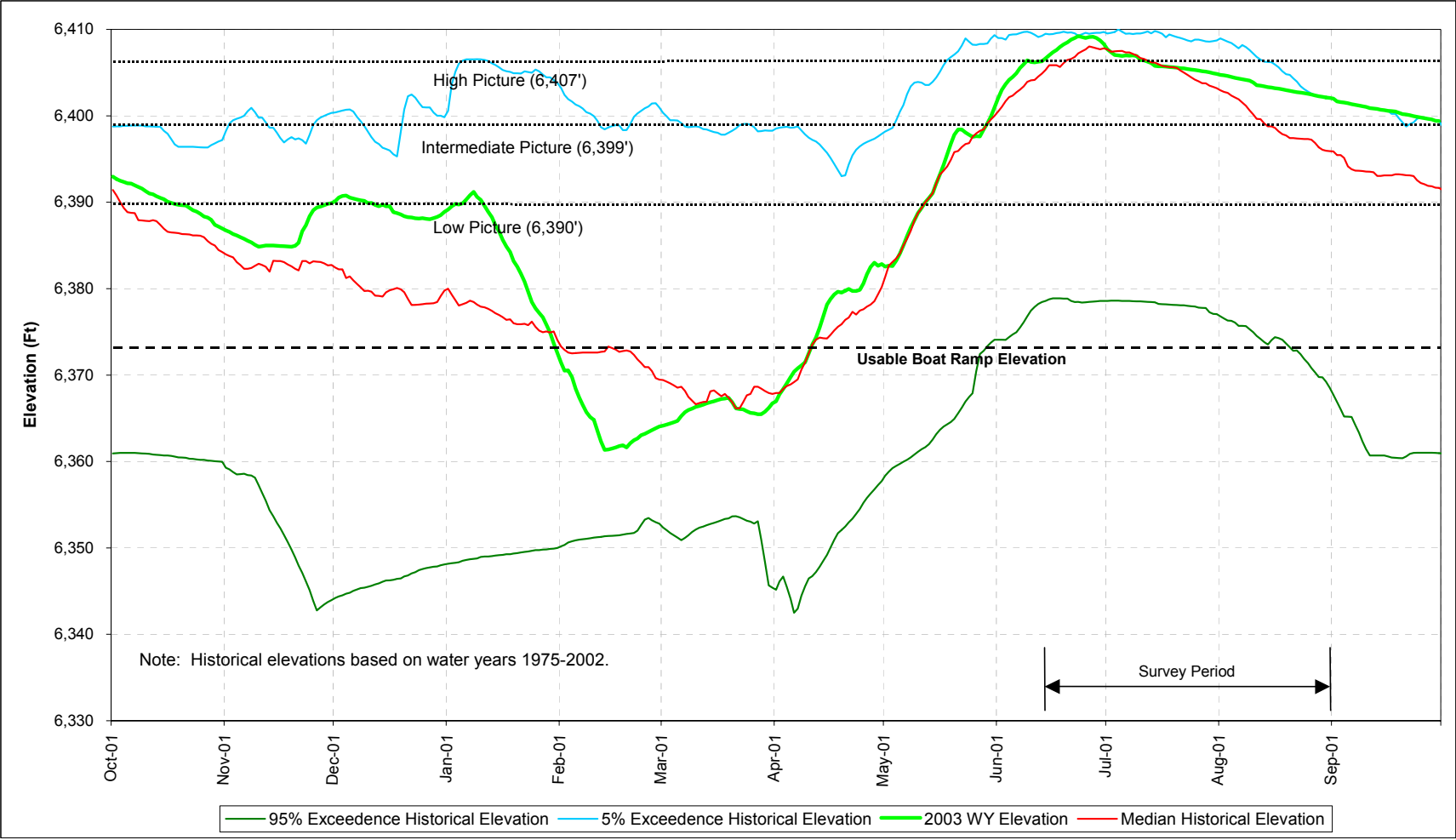


Figure 4.1-1. Loon Lake Reservoir Elevations and the High, Intermediate & Low Elevations Pictured in the UARP 2003 Aesthetics Survey

4.1.4.2 Intermediate Reservoir Elevation Picture

The reservoir elevation depicted in the intermediate picture of LLR shows the water level at elevation 6,399 feet, 11 feet below full pool. There was a shift, but not substantial, in the level of satisfaction between the high and intermediate elevations.

When asked how satisfied they would be with the appearance of the reservoir, the majority of respondents (92.7%) said they would not be dissatisfied. Eighty three percent was either satisfied or very satisfied, and about ten percent was neutral. The remaining six respondents (7.2%) were dissatisfied. There were no very dissatisfied responses. The dominant reasons for their dissatisfaction had to do with the appearance of the water (too low), shoreline (too much and too rocky), or the effect of the reservoir level on recreation activities (too far to walk to water).

When the six dissatisfied respondents were asked if the reservoir conditions would cause them to change their recreation plans, two (33.3%) said yes. Of the changes given, one respondent would go where there was more water and the other said they would either go or stay home. None specified a non-UARP reservoir location within the ENF that they would go to.

Survey respondents were asked whether the appearance of the reservoir in the intermediate picture would negatively affect their experience. The vast majority (91.6%) said no. Four respondents said they would be negatively affected. Of these, two said they would be minimally affected, one moderately, and one significantly. When asked what it was about the appearance of the reservoir that would negatively affect them, three responses were associated with the look of the shoreline or the appearance of the water, saying it appeared low, ugly, dirty, dry, muddy, and puddle-like. The other response was the affect the level would have on their swimming activities.

4.1.4.3 Low Reservoir Elevation Picture

The reservoir elevation depicted in the low picture of LLR shows the water level at elevation 6,390 feet, which is 20 feet below full pool.

Respondents were evenly split between dissatisfied and not dissatisfied with the reservoir appearance at the low elevation. Of the 41 that were dissatisfied, 11 (13.3%) were very dissatisfied, and 30 (36.1%) were dissatisfied. Of the 42 that were not dissatisfied, 17 (20.5%) were neutral, 21 (25.8%) were satisfied, and 4 (4.8%) were very satisfied. The category of dissatisfied received the most responses (30).

When asked what it was about the appearance of the reservoir that they were dissatisfied with, the dominant reasons (34 out of 50 reasons given) had to do with the appearance of the water being too low and there being too much shoreline exposed. The reservoir was described as appearing unattractive or unappealing, dry, barren ugly, dirty, full of rocks, boulders and stumps. The other common reason given (12 out of 50) had to do with the effect of the reservoir level on recreation activities, primarily that it made for a long walk to the water, affected launching, boating and swimming activities.

When the 41 dissatisfied respondents were asked if the reservoir conditions would cause them to change their recreation plans, the responses were roughly split into thirds between yes (36.6 percent), no (31.7%), and don't know or no response (31.7%). The 15 respondents that would change their plans gave 16 changes they would make (up to two responses were recorded per respondent). The dominant change (9) was to go or stay home. The other changes were to go to a non-specified location where there would be more water (4), go to another UARP reservoir (1), and stay at the reservoir and change activities (2). None said they would relocate to a non-UARP reservoir inside the ENF.

When all the survey respondents were asked whether the appearance of the low reservoir would negatively affect their experience, the majority (68.7%) said no. Twenty-two (26.5) said yes (19 fewer than the 41 that said they would be dissatisfied). Of the 22 that would be negatively affected, the majority (43.5%) said they would be moderately affected, followed by 30.4 percent significantly affected, and 21.7 percent minimally affected. When asked what it was about the appearance of the reservoir that would negatively affect them, the primary reasons (23 of 34) were associated with the look of the shoreline, saying it appeared dry, barren, brown, ugly, dirty, or there was too much shoreline, rocks, and stumps. Other reasons were associated with the low and unattractive appearance of the water (8), and the affect on recreation activities.

4.2 Union Valley Reservoir

A total of 108 visitors were surveyed at Union Valley Reservoir (UVR) between June 15 and September 1, 2003 in accordance with the survey protocol. Surveys were conducted at all the survey locations listed in Table 3.2-1, and ranged from a low of two surveys taken at the dispersed area at the dam and along North Shore Road, to a high of 32 surveys taken at Sunset Campground. The 108 completed interviews meets or exceeds the ± 10 percent margin of error at the 95 percent confidence interval. Figure 4.2-1 depicts the UVR elevations during the survey season, as well as historical exceedance elevations. At the start of the survey, UVR elevation was at 4,868 feet. It remained there until early July, and lowered to 4,846 feet by the end of the survey. The results described below were derived from corresponding frequency tables contained in Appendix C.

Survey questions 1 through 5 provided information on respondent characteristics. The majority of respondents came from the surrounding counties: Sacramento (29.6%), El Dorado (22.2%), and Placer (7.4%). The remainder came from other California areas (Bay Area, Central Valley, Northern and Southern California). Only 2.8 percent were out of state. The majority of respondents (87%) were on an overnight trip.

4.2.1 Satisfaction with Historical Reservoir Elevations

Survey questions 6 through 10 asked return visitors about their satisfaction with UVR elevations in the past. Of the 108 visitors surveyed at UVR, the majority (63) were return visitors. About half (55.6%) of the return visitors had been visiting UVR between one and ten years. The remaining half had been visiting 10 to 40 or more years. One third of the return visitors typically visited once per year, over half visited two to four times per year and the remaining visited six to 16 or more times per year.

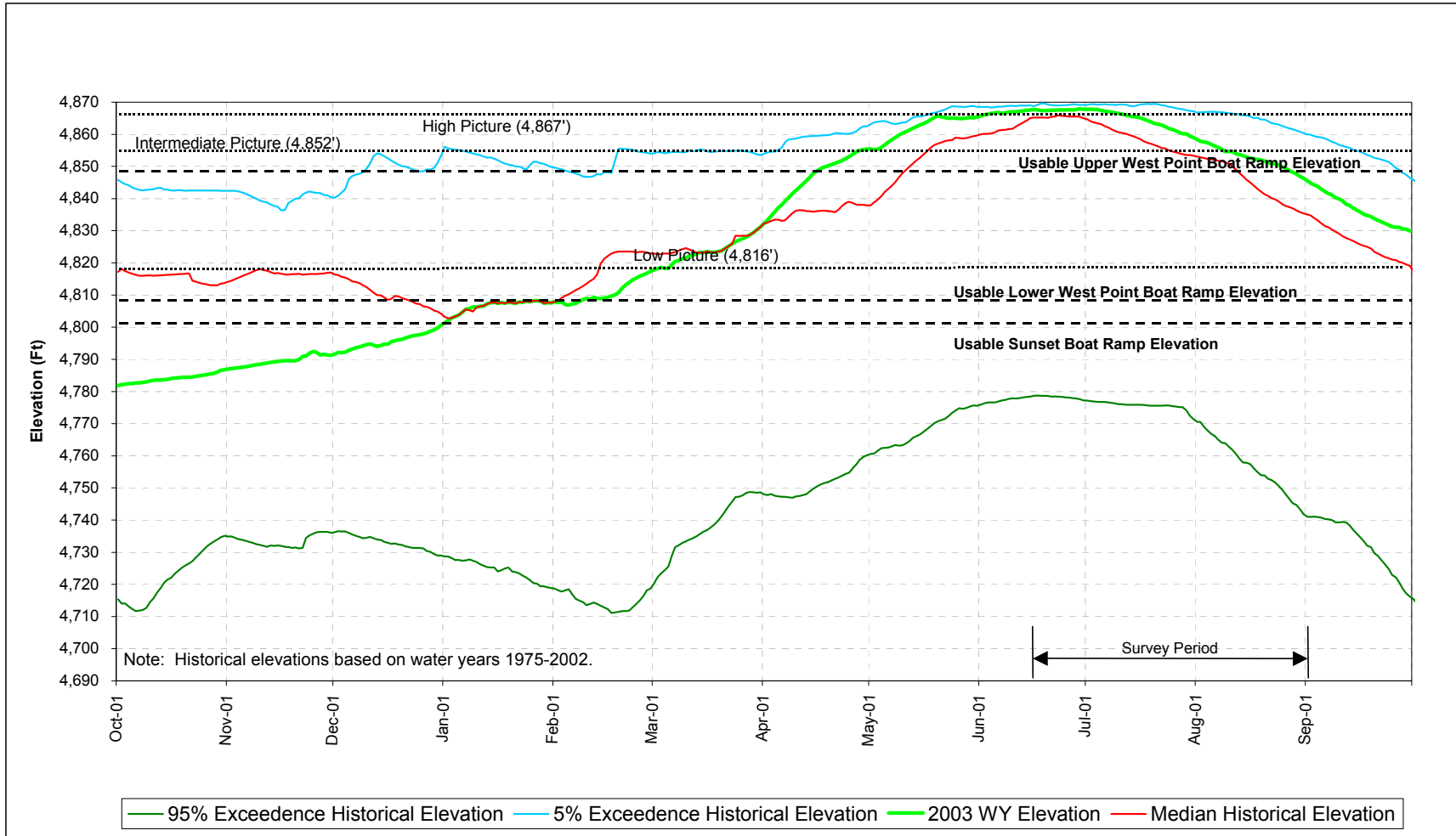


Figure 4.1-2. Union Valley Reservoir Elevations and the High, Intermediate & Low Elevations Pictured in the UARP 2003 Aesthetics Survey

Most of the return visitors (66.7%) had a preference for the time of year they visited UVR. Of the 111 responses given, the majority of responses (80.5%) preferred summer (June, July and August). The preference of the other 20 percent was evenly split between spring (Mar, April, May) and fall (September, October, November).

Return visitors gave 49 reasons for why they preferred the months to visit that they did. Of these, the more common responses (61.2%) were due to weather and summer time (kids out of school, vacation time, more free time). However, nine reasons (18.3%) were associated with water conditions. When asked what these conditions were, six of the nine gave high or more water as reasons for preferring a particular time of year. The other reasons were associated with water activities and water temperature. These responses indicate that water elevation is not a major factor for the majority of return visitors in deciding to visit UVR.

When the 63 return visitors were asked if they had ever been dissatisfied with UVR water levels, 36 (60%) said no and 24 (40%) said yes. Of the 24 who said yes, 22 (90%) gave low water level as the reason for their dissatisfaction, and two said it was due to a long walk to the water. When the 24 were asked if they changed their plans because of their dissatisfaction, ten said they did. Of the ten that changed their plans, one stayed at the reservoir and changed activities, nine relocated, including five that went home, three that went to another UARP reservoir, and two that went to a non-UARP location.

The final survey question regarding historical water elevations (#10) was whether visitors had ever relocated in the past due to reservoir levels. This question was similar to the previous question but asked differently. The previous question asked whether they had been dissatisfied with reservoir levels and then their reasons and actions in response to their dissatisfaction. This question asked if they had ever relocated and the reasons for that relocation. The purpose of the question was to capture whether there were other reasons besides dissatisfaction that were causing people to leave UVR.

The final survey question regarding historical water elevations (#10) was whether visitors had ever relocated in the past due to reservoir levels. This question is similar to the previous question but asked differently. The previous question asked whether they had been dissatisfied with reservoir levels and then their reasons and actions in response to their dissatisfaction. This question asked if they had ever relocated and the reasons for that relocation. The purpose of the question was to capture whether there were other reasons besides dissatisfaction that were causing people to leave UVR.

When asked if they had ever relocated due to water levels, the vast majority (87.5%) of respondents had not. Of the six individuals (9.4%) that said they had, it was because they wanted higher or more water. Of the six that relocated, five went to other UARP reservoirs and one went outside the ENF. None of the respondents relocated to a specified non-UARP-related facility within the ENF.

4.2.2 Satisfaction with Reservoir Elevation During Visit

Only one of the 108 respondents found the reservoir to be unpleasing during their trip. The majority of respondents (92.5%) found the reservoir's appearance to be either pleasing or very pleasing. When asked if the water level negatively affected their experience, 87 percent of the respondents said no. Of the six respondents that felt they were negatively affected, one was affected minimally, four moderately, and one significantly. Reasons given for the negative affect were that the water appeared too low or there was too much shoreline.

4.2.3 Expectations for Reservoir Elevation

Question 13 asked the 108 respondents if they had an expectation for what the water level would be at UVR prior to arriving for their current trip. The majority of respondents (48%) said that they did not have an expectation.

Of the 50 respondents that did have an expectation, the majority said they expected it to be about where it is (38%) or higher (34%). Twenty percent of the respondents expected it to be lower, and less than five percent expected UVR to be either much higher or much lower.

4.2.4 Satisfaction with Reservoir Pictures

Survey questions 14 through 19 called for interviewers to show survey respondents three pictures of UVR at a representative high, intermediate and low elevation (see Table 3.1-1). The interviewer randomly selected one of the three pictures, showed it to the respondent, and asked a series of questions regarding their satisfaction with the reservoir appearance in the picture. Due to the large size and range of reservoir conditions at Union Valley, pictures from three different reservoir locations, Wolf Creek, Fashoda, and Lone Rock were used (as described in Section 3.0).

The results from all the survey locations at UVR were combined for this discussion because the issue of concern is to identify a reservoir elevation, or elevation range for the entire reservoir, not a particular reservoir location, which represents an "ugly point". However, it can be noted that in general, respondents to the Wolf Creek pictures were the least tolerant of receding reservoir elevations, and Lone Rock respondents were the most tolerant to the receding reservoir elevations shown in the pictures.

4.2.4.1 High Reservoir Elevation Pictures

The reservoir elevation depicted in the high pictures of UVR show the water level at elevation 4,867 feet, three feet below full pool. Of the 108 survey respondents, 83 (93.6%) were satisfied (either very satisfied or satisfied) with the appearance of the reservoir in the high pictures. Three respondents (3%) were neutral (neither satisfied nor dissatisfied). Four respondents were dissatisfied (4.7%) and none were very dissatisfied. Of the four dissatisfied respondents, two said the water looked too low, and two said it was too high. When asked if it would cause them to change their plans, only one said yes, and that they would go to Lake Button (outside the ENF).

Survey respondents were also asked whether the appearance of the reservoir in the high picture would negatively affect their experience. Four of 108 (3.7%) said it would, with two rating their degree of affect as minimal, one moderate, and one significantly. When asked what it was about the appearance of the reservoir that would negatively affect them, the responses were associated with the look of the shoreline or the appearance of the water, saying it appeared dry, muddy, puddle-like, ugly and dirty.

4.2.4.2 Intermediate Reservoir Elevation Pictures

The reservoir elevation depicted in the “intermediate” pictures of UVR shows the water level at elevation 4,852 feet, 17 feet below full pool. There was a significant shift in the level of satisfaction between the high and intermediate elevations, where there was a 14-foot drop in elevation.

Of the 108 respondents, 43 (39.8%) were satisfied (very satisfied or satisfied) with the appearance of the reservoir in the intermediate pictures. Forty-one of the respondents (38%) were neither satisfied nor dissatisfied (neutral). The remaining 24 respondents (22.2%) were either dissatisfied or very dissatisfied. The dominant reasons for their dissatisfaction had to do with the appearance of the water (too low), shoreline (too much) and the effect the reservoir level on recreation activities (too far to walk to water).

When the 24 dissatisfied respondents were asked if the reservoir conditions would cause them to change their recreation plans, 20 (83%) said yes. Of the 21 changes given, two respondents would change their activities at the reservoir, two would move to another UARP reservoir, three would go to a location outside the ENF, six would go or stay home, and six would go where there was more water (no specific location provided). Two did not respond.

At the intermediate reservoir level, the majority of the respondents (77.8%) were not dissatisfied with the appearance of the reservoir at 4,852 feet, although there was a significant increase of about 20 percent in dissatisfaction from the high to the intermediate elevation. When it came to changing their recreation plans due to the reservoir appearance, only 14.9 percent would. Of those, none would relocate to a specified non-UARP location within the ENF.

4.2.4.3 Low Reservoir Elevation Pictures

The reservoir elevation depicted in all of the low pictures of UVR shows the water level at elevation 4,816 feet, which is 54 feet below full pool.

The majority of respondents, 76 of 108 (70.4%) were dissatisfied (very dissatisfied or dissatisfied) with the appearance of the reservoir in the low pictures. The other 29.6 percent were neutral (21), satisfied (10), and very satisfied (1).

When asked what it was about the appearance of the reservoir that they were dissatisfied with, the more common reasons (62 out of 97 reasons given) had to do with the appearance of the water being too low and there being too much shoreline exposed. The reservoir was described as appearing unattractive or unappealing, dry, muddy, puddle-like, murky, barren, full of rocks,

boulders and stumps. The other common reason given (17 out of 97) had to do with the effect of the reservoir level on recreation activities, primarily that it made for a long walk to the water. Other reasons were that it affected sun tanning, boating, swimming and fishing activities.

When the 76 dissatisfied respondents were asked if the reservoir conditions would cause them to change their recreation plans, 48 (63.2%) said yes. In addition to that, 17 (22.4 percent) said they didn't know, three (3.9%) had no response, leaving only eight (10.5 percent) that would not change their plans due to the appearance of the reservoir. The 48 respondents that would change their plans gave 53 changes they would make (up to two responses were recorded). Twenty changes (37.7%) were to go or stay home. Twelve (22.6 percent) said they would go where there is more water, nine (17.0%) would go to another UARP reservoir, six (11.3%) would stay at the reservoir and change their activities, and five (9.4%) would go to a specified location outside the ENF. Only one (1.9%) said they would relocate to a non-UARP reservoir inside the ENF.

When survey respondents were asked whether the appearance of the low reservoir would negatively affect their experience, 62 of the 108 respondents said yes (14 fewer than the 76 that said they would be dissatisfied), 16 didn't know, and 30 said no. Of the 62 that would be negatively affected, the majority (62%) said they would be significantly affected, followed by 17.7 percent moderately affected, and 19.4 percent minimally affected. When asked what it was about the appearance of the reservoir that would negatively affect them, the primary reasons (49 of 62) were associated with the look of the shoreline and appearance of the water saying it appeared dry, barren, brown, ugly, dirty, or there was too much shoreline, rocks, and stumps.

4.3 Ice House Reservoir

A total of 101 visitors were surveyed at Ice House Reservoir (IHR) between June 15 and September 1, 2003 in accordance with the survey protocol. Surveys were conducted at all the survey locations listed in Table 3.2-1, and ranged from a low of four surveys taken at Strawberry Campground, to a high of 48 surveys taken at Ice House Campground. The 101 completed interviews meet the ± 10 percent margin of error at the 95 percent confidence interval. Figure 4.3-1 depicts the IHR elevations during the survey season, as well as historical exceedance elevations. At the start of the survey, IHR elevation was at 5,446 feet. It rose to 5,448 feet in late June, and lowered to 5,442 feet by the end of the survey. The results described below were derived from corresponding frequency tables contained in Appendix C.

Survey questions 1 through 5 provided information on respondent characteristics. The majority of respondents came from the surrounding counties: Sacramento (28.7%), El Dorado (31.7%), and Placer (9.95). The remainder came from other California areas (Bay Area, Central Valley, Northern and Southern California). Only four percent were out of state. The majority of respondents (70.3%) were on an overnight trip.

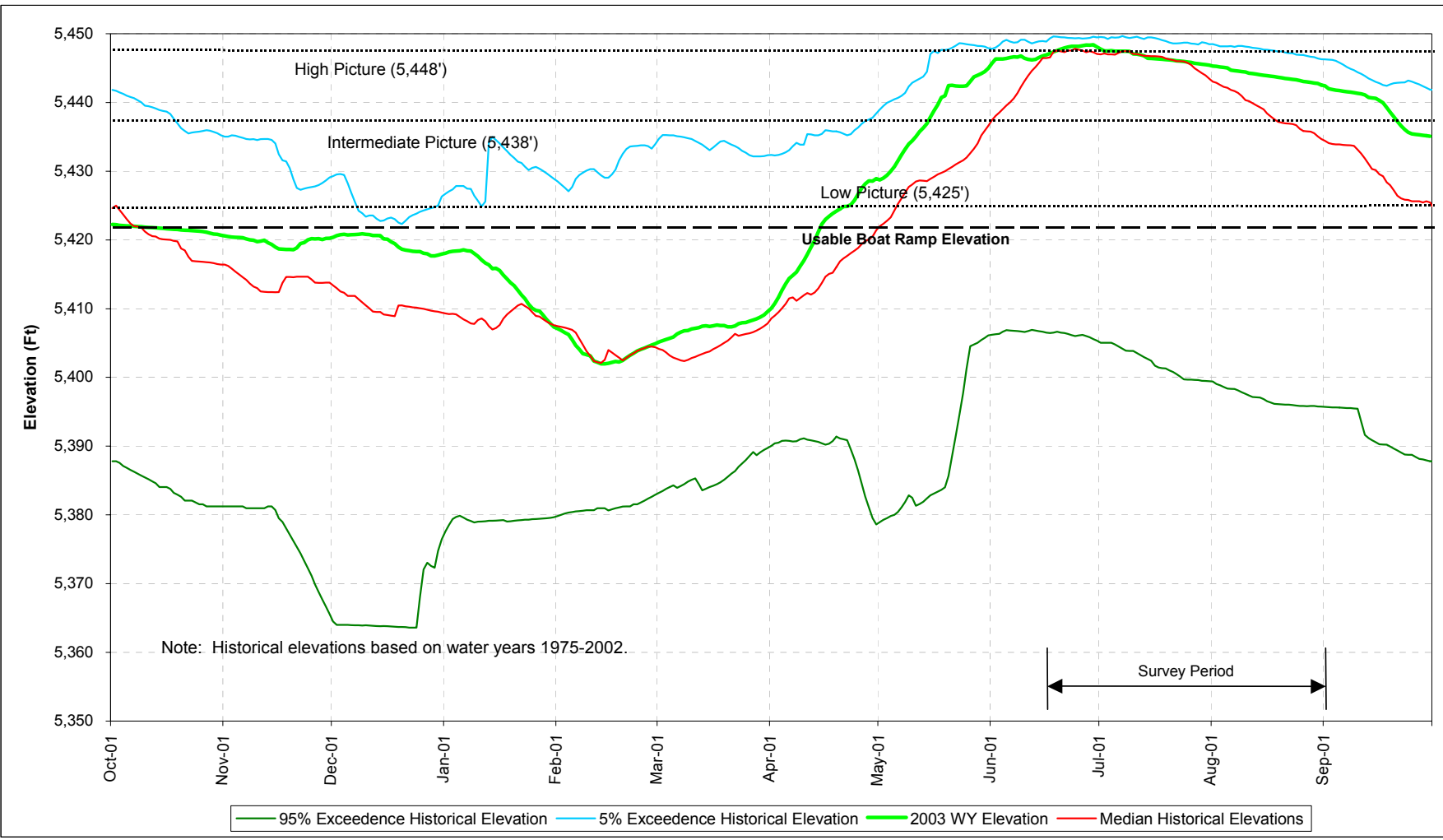


Figure 4.3-1. Ice House Reservoir Elevations and the High, Intermediate & Low Elevations Pictured in the UARP 2003 Aesthetics Survey

4.3.1 Satisfaction with Historical Reservoir Elevations

Survey questions 6 through 10 asked return visitors about their satisfaction with IHR elevations in the past. Of the 101 visitors surveyed at IHR, 71 (70.3%) were return visitors. The number of years these visitors had been returning was dispersed fairly evenly from two to 50 years.

Most of the return visitors (71.8%) had a preference for the time of year they visited IHR. Of the 164 responses given, most (76.2%) preferred summer (June, July August). Fall was the next popular season (September, October, November) with 14.6 percent of the responses, followed by Spring (Mar, April, May) with 7.9 percent, and winter (December, January, and February) with 1.3 percent.

Return visitors gave 67 reasons for why they prefer the months to visit that they did. Of these, the more common responses (64.1%) were due to weather and summer time (kids out of school, vacation time, more free time). Seven reasons (10.4%) were associated with water conditions. When asked what these conditions were, five said it was the water activities that were available to them, one said it was because there was more water, and the other, that the water temperature was warmer. Other reasons given were fishing, boating related, or general (less crowded, camping, tradition).

When the 71 return visitors were asked if they had ever been dissatisfied with IHR water levels, most (57.7%) said no, and 33.8 percent said yes. Of the 24 respondents that said they had been dissatisfied, nearly all (21) gave low water level as the reason for their dissatisfaction. The other three respondents gave “long walk to water” as a reason. When the 24 dissatisfied respondents were asked if their dissatisfaction caused them to change their plans, seven said yes. Of those, three stayed at IHR and didn’t boat, two went to another UARP reservoir, and two went or stayed home. None relocated to a specified non-UARP-related facility within the ENF.

The final survey question regarding historical water elevations (#10) was whether visitors had ever relocated in the past due to reservoir levels. This question is similar to the previous question but asked differently. The previous question asked whether they had been dissatisfied with reservoir levels and then their reasons and actions in response to their dissatisfaction. This question asked if they had ever relocated and the reasons for that relocation. The purpose of the question was to capture whether there were other reasons besides dissatisfaction that were causing people to leave IHR. When asked if they had ever relocated due to water levels, nine (12.7%) of the 71 return visitors said they had. Most (8) said they relocated because they had expected the water to be higher, and one had no response. Of the eight that relocated, seven went to other UARP reservoirs, one went to a non-UARP location within the ENF (Wrights Lake), and one went outside the ENF (French Meadows). Responses to this question indicate that nine (12.7%) of return visitors have relocated in the past because they expected the water to be higher. However, only one respondent said he relocated to a non-UARP location within the ENF.

4.3.2 Satisfaction with Reservoir Elevation During Visit

All survey respondents were asked to evaluate their satisfaction with the reservoir level they experienced during their trip. Only two of the 101 respondents found the overall appearance of the reservoir to be either unpleasing or very unpleasing. The remaining (98.0%) respondents found it to be not unpleasing (52.5 percent very pleasing, 39.6 percent pleasing, and 5.9 percent neutral). Similarly, when asked if the water level negatively affected their experience, all but one said no.

4.3.3 Expectations for Reservoir Elevation

Question 13 asked the 101 respondents if they had an expectation for what the water level would be at IHR prior to arriving for their current trip. About half of the respondents (53) said they did have an expectation for what the water level would be. Of these, 34 (64.2%) expected it to be about where it is, 22.7 percent thought it would be lower or much lower, and 6.9 percent thought it would be higher or much higher.

4.3.4 Satisfaction with Reservoir Pictures

Survey questions 14 through 19 called for interviewers to show survey respondents three pictures of IHR as seen from the picnic area, at a representative high, intermediate and low elevation (see Table 3.1). The interviewer randomly selected one of three pictures, showed it to the respondent, and asked a series of questions regarding their satisfaction with the reservoir appearance in the picture. This was repeated for the other two pictures.

4.3.4.1 High Ice House Reservoir Elevation Picture

The elevation depicted in the high picture of IHR shows the water level at 5,448 feet, two feet below full pool. Of the 101 survey respondents, none were dissatisfied with the appearance of the reservoir at this level. The majority of respondents (54.5%) would be very satisfied, 40.6 percent would be satisfied, and five percent were neutral (neither satisfied nor dissatisfied).

Survey respondents were also asked whether the appearance of the reservoir in the high picture would negatively affect their experience. All but one (95%) said they would not be negatively affected. One said they would to a minimal extent due to the amount of shoreline shown in the picture. Three did not know.

4.3.4.2 Intermediate Ice House Reservoir Elevation Picture

The reservoir elevation depicted in the intermediate picture of IHR shows the water level at 5,438 feet, 12 feet below full pool. When asked how satisfied they would be with the appearance of the reservoir, the majority of respondents (88.1 percent) said they would not be dissatisfied. Sixty four percent (64%) were either satisfied or very satisfied, and 27.7 percent were neutral. The remaining 12 respondents (11.9%) were dissatisfied. None were very dissatisfied. The dominant reasons for dissatisfaction had to do with the appearance of the water (too low),

shoreline (dry, barren, ugly dirty) or the effect of the reservoir level on recreation activities (too far to walk to water).

When the 12 dissatisfied respondents were asked if the reservoir conditions would cause them to change their recreation plans, five (41.7%) said yes. Of the changes given, two would stay at the reservoir and change activities, two would go or stay home, and one would go to an unspecified location where there was more water. None specified relocating to a non-UARP reservoir within the ENF.

Survey respondents were asked whether the appearance of the reservoir in the intermediate picture would negatively affect their experience. A majority (76.2%) said no. Twelve (11.9%) said they would be negatively affected. Of these, five said they would be minimally affected, three moderately, and four significantly. When asked what it was about the appearance of the reservoir that would negatively affect them, nine responses were associated with either the look of the shoreline (dry, barren, ugly, dirty, rocky and too much area) or the appearance of the water (too low, puddle-like, muddy, murky). Other responses were the affect the level would have on their boat fishing activities, and the ecological health of the reservoir.

4.3.4.3 Low Reservoir Elevation Picture

The reservoir elevation depicted in the low picture of IHR shows the water level at elevation 5,425 feet, which is 25 feet below full pool. More than half of the respondents were dissatisfied with the reservoir appearance at the low elevation. Of the 56 that were dissatisfied, 15 were very dissatisfied and 41 were dissatisfied. Of the 45 that were not dissatisfied, 35 were neutral, seven were satisfied, and two were very satisfied.

When asked what it was about the appearance of the reservoir that they were dissatisfied with the dominant reasons (46 out of 64 reasons given) had to do with the appearance of the water being too low and there being too much shoreline exposed. The reservoir was described as appearing puddle-like, muddy, murky, dry, barren ugly, dirty, having too much area, full of rocks, boulders and stumps. Other reasons (18 out of 64) had to do with the effect of the reservoir level on recreation activities, environmental conditions, and general unattractiveness.

When the 56 dissatisfied respondents were asked if the reservoir conditions would cause them to change their recreation plans, 25 (44.6%) said yes, 16 (28.6%) said no, and the remainder said don't know or no response (26.8 percent). The 25 respondents that would change their plans gave 29 changes they would make (up to two responses were recorded per respondent). The dominant change (14) was to go or stay home, or go to a location outside the ENF. The other changes were to change activities (6), go to another UARP reservoir (5), or go to a non-specified location where there would be more water (4). None said they would relocate to a specified non-UARP reservoir inside the ENF.

When all the survey respondents were asked whether the appearance of the low reservoir would negatively affect their experience, nearly half (46.5%) said yes. The remainder said no (28.7%), or don't know (24.8%). Of the 47 that would be negatively affected, the majority (42.6%) said

they would be moderately affected, followed by 34.0 percent minimally affected, and 23.4 percent significantly affected. When asked what it was about the appearance of the reservoir that would negatively affect them, the primary reasons (56 of 77) were associated with the look of the shoreline, saying it appeared dry, barren, brown, ugly, dirty, or there was too much shoreline, rocks, and stumps. Other reasons were associated with an unattractive and unhealthy appearance of the water (3), and the affect of the low level on recreation activities (9).

5.0 FINDINGS

5.1 Loon Lake Reservoir Findings

1. The vast majority of return visitors had not been dissatisfied with reservoir levels in the past.
2. When asked about their current trip, all but one respondent found the overall appearance of the reservoir pleasing throughout the course of the summer.
3. When it came to rating pictures of the reservoir, all but one respondent said they would be satisfied with the high picture elevation.
4. At the intermediate picture elevation, nearly all respondents said they would not be dissatisfied with the reservoir appearance.
5. There was a substantial shift in the level of satisfaction from the intermediate to the low picture elevation with respondents being evenly split between dissatisfied and not dissatisfied.
6. The majority of respondents did not have an expectation for the water level prior to arriving. Of those that did, most expected it to be about where it was.
7. No one said their current trip experience would be negatively affected by the current reservoir elevations. Respondents said their experience would not be negatively affected at the high picture elevation and only a few said it would be at the intermediate picture elevation. At the low picture elevation, there was still a majority of respondents that said their experience would not be negatively affected.
8. There were few occurrences of return visitors changing their plans due to reservoir elevations. None of the respondents said they would change their plans in response to the high picture elevation, and only two would at the intermediate picture elevation. At the low picture elevation, 17 respondents said they would change their plans, and most of the respondents said they would go or stay home.

5.2 Union Valley Reservoir Findings

1. The majority of return visitors had not been dissatisfied with reservoir levels in the past.

2. Current trip responses showed that nearly all of the respondents found the overall appearance of the reservoir pleasing during the survey period.
3. When it came to rating pictures of the reservoir, the vast majority of visitors said they would be satisfied with the high picture elevation.
4. At the intermediate picture elevation the majority of visitors said they would not be dissatisfied with reservoir appearance.
5. For the low picture elevation, a majority of visitors said they would be dissatisfied with reservoir conditions.
6. About half of the survey respondents had an expectation for the reservoir level prior to their arrival. Of those that did, most expected the reservoir to be about where it was.
7. Nearly all respondents said their current trip experience would not be negatively affected by the reservoir elevations during the survey period. Similarly, most said they would not be negatively affected at the high or intermediate picture elevations. However, when it came to the low picture elevation, the majority of respondents said they would be negatively affected by the appearance of the reservoir.
8. Historically, there were relatively few occurrences of return visitors who changed their plans due to reservoir elevations. At the high picture elevation only one respondent said they would change their plans. Responses to the intermediate picture elevation showed that 19 changes would be made, and at the low picture, respondents would make 53 changes. Of these changes, most were to go or stay home.

5.3 Ice House Reservoir Findings

1. About half of the return visitors to IHR said they had not been dissatisfied with reservoir levels in the past.
2. When survey respondents were asked about their current trip experience, all but two found the overall appearance of the reservoir to be neutral or pleasing.
3. When it came to rating pictures of the reservoir, responses to the high picture elevations were consistent with current trip responses, in that none of the respondents said they would be dissatisfied with the high picture elevation.
4. At the intermediate picture elevation, the vast majority of visitors would not be dissatisfied with the intermediate elevation.
5. For the low reservoir picture, a solid majority of visitors would be dissatisfied with reservoir conditions.

6. About half of the respondents had an expectation for the reservoir level prior to their arrival. Of those that did, most expected it to be about where it was.
7. Nearly all respondents said their current trip experience would not be negatively affected by the reservoir elevations during the survey period. Similarly, all but one said they would not be negatively affected at the high picture elevation, and most would not be negatively affected by the reservoir appearance at the intermediate elevation. However, at the low picture, nearly half of the respondents said they would be negatively affected by the appearance of the reservoir.
8. Historically, there were relatively few occurrences of return visitors changing their plans due to reservoir elevations. Results for the picture elevations showed that few respondents would change their plans at the high and intermediate elevations. When it came to the low elevation, there was a substantial increase in the number of changes that would be made, and most of these would be to go or stay home.

6.0 LITERATURE CITED

SMUD (Sacramento Municipal Utility District). 2001. Initial Information Package for Relicensing of the Upper American River UARP. July 2001.

SMUD 2002. SMUD Upper American River UARP, Aesthetics Study Plan. Plenary Approval February 19, 2002.

APPENDIX A

SURVEY PROTOCOL

- A.1 Survey Protocol Transmittal Letter to Eldorado National Forest
- A.2 Survey Process Paper
- A.3 Attachments 1 & 2 Recreation Use Data and Survey Sample Size
Attachment 3: Survey Instruments for Loon Lake, Union Valley, and Ice House Reservoirs
Attachment 4: Photography Log of Reservoir Elevations

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June 16, 2003

Re: SMUD UARP 2003 Aesthetics Survey

Dear Vicki,

Please find enclosed for your records the Draft Aesthetics Process Paper and attachments that document the decisions the Forest Service and SMUD have agreed to in the design and implementation of the Aesthetics Survey. The aesthetics survey has been developed to fulfill the section of the UARP Relicensing Aesthetics Study Plan that calls for such a survey.

The survey season began yesterday on June 15, and will continue through the Labor Day weekend (2003). SMUD appreciates your and Lester's efforts over the last two months in developing the survey, and in particular, your prompt review and commenting on draft materials.

Cordially,

Martha Goodavish
UARP Aesthetics Technical Lead

Cc w/enclosures:

Lester Lubetkin, ENF
Joe Davis, SMUD

**Sacramento Municipal Utility District
Upper American River Project Relicensing**

**Aesthetic Resources
Draft Aesthetics Survey Process Paper
June 16, 2003**

Background

One component of the UARP Aesthetics Resource Study Plan is to evaluate visitor's aesthetic expectations for, and satisfaction with water surface elevations at Ice House, Union Valley and Loon Lake Reservoirs. For this evaluation, SMUD will conduct an aesthetics survey of visitors to the reservoirs during the summer of 2003.

The goals for the aesthetics analysis are to:

- (1) identify a water surface elevation or elevation range, at the three storage reservoirs where visitors' expectations for and satisfaction with water levels are adversely affected by Project operations, and
- (2) identify actions visitors take when they are dissatisfied, and the location of displaced use that may occur as a result of reservoir levels.

Survey Instrument, Sample Design and Schedule

The survey will collect information on visitor's historical and current use of the reservoirs and their expectations for and satisfaction with reservoir levels from an aesthetics perspective. For those visitors who have been to the reservoir before, any actions taken in response to reservoir levels, such as relocating, will be collected. Pictures of different reservoir elevations from viewpoints at recreation use areas will be used to further assess the aesthetic effect of reservoir levels on visitor satisfaction.

Pictures of the reservoirs at elevations at, and less than full-pool from viewpoints will be shown to the visitor. The pictures shown at an interview site will be of the viewpoint that is closest to where the visitor is being interviewed and/or the viewpoint that is generally representative of the reservoir at the interview site. For example, at Union Valley Reservoir, pictures from a viewpoint at Wolf Creek Campground would be used at the following north shore campgrounds: Wolf Creek, Yellowjacket and Camino Cove because Wolf Creek is the closest viewpoint and it is generally representative of the viewing experience from those sites. Table 1 identifies the survey locations and the corresponding viewpoint locations. Visitors will be shown three pictures of different reservoir elevations from one viewpoint, one at a time, and asked questions about their expectations and satisfaction with the appearance of the reservoir. The presentation of the different reservoir elevations would be randomized to avoid people anticipating questions and responses.

Population

The survey population is defined as the recreation users of Ice House, Union Valley, and Loon Lake Reservoirs. Sample units are considered to be the individuals responding to the survey, not the groups accompanying them on their visit. Individuals under 18 years of age will not be considered eligible for inclusion. Eligible individuals will be allowed to respond once during the survey timeframe.

Surveys will be conducted at developed sites and dispersed areas at Ice House, Union Valley, and Loon Lake Reservoirs listed in Table 1.

| Table 1. Aesthetics Survey Site Locations and Viewpoint Locations | | | | | |
|--|---------------------------|-------------------------------|---------------------------|----------------------------|---------------------------|
| Ice House Reservoir | | Union Valley Reservoir | | Loon Lake Reservoir | |
| Survey Location | Viewpoint Location | Survey Location | Viewpoint Location | Survey Location | Viewpoint Location |
| Boat Launches | | | | | |
| Ice House BL | Ice House PA | Sunset BL | Lone Rock CG | Loon Lake BL | Loon Lake PA |
| | | West Point BL | Lone Rock CG | | |
| Day Use Areas | | | | | |
| Ice House PA | Ice House PA | Fashoda CG / PA | Fashoda PA | Loon Lake PA | Loon Lake PA |
| Campgrounds | | | | | |
| Ice House CG | Ice House PA | Jones Fork CG | Lone Rock CG | Loon Lake CG | Loon Lake PA |
| Strawberry Point CG | Ice House PA | Sunset CG | Fashoda PA | Northshore CG | Loon Lake PA |
| Northwind CG | Ice House PA | Wolf Creek CG | Wolf Creek CG | | |
| | | Camino CG | Wolf Creek CG | | |
| | | Wench Creek CG | Fashoda PA | | |
| | | Yellow Jacket CG | Wolf Creek CG | | |
| Dispersed Areas (see definitions in text) | | | | | |
| Road 11N52 | Ice House PA | Dam Area & North Shore Road | Lone Rock CG | Between Dams | Loon Lake PA |

Each reservoir is considered a separate population. A sample size of approximately 100 per reservoir will be the goal, resulting in a 95% confidence level within a margin of error of $\pm 10\%$ for each reservoir. The survey instrument will be designed to anticipate the potential for limited sub-sampling, for example, campground respondents versus boat launch respondents.

The dispersed areas are defined as follows (use estimates are derived from the 2002 Recreation Users Survey dispersed survey log sheets, excluding the winter use):

Ice House Reservoir Dispersed Area: dispersed use that occurs along Road 11N52; 2,300 visitor days; all day-use (will be treated as a “day use area” facility type for survey scheduling).

Union Valley Reservoir Dispersed Area: dispersed use that occurs near Union Valley Dam (near intake structure, West Point Boat Launch – between the two launches and adjacent to the parking lot, in the West Point peninsula, and any dispersed recreationists that can be identified and located by driving along the north shore road system from West Point Campground to the intersection of Road 12N50 and Ice House Road); 2,500 visitor days; 50% day-use and 50% overnight use (will be treated as a “campground” facility type for survey scheduling).

Loon Lake Reservoir Dispersed Area: dispersed use that occurs between the Auxiliary Dam and the Main Dam; 16,900 visitor days; most overnight use (will be treated as a “campground” facility type for survey scheduling).

The Forest Service provided 1999 through 2002 visitor use data in people days for each facility. From this data, SMUD calculated the average people days for each facility. During the May 28, 2003, survey planning meeting, Forest Service and SMUD staff agreed to use the average people days for each facility as the basis for determining the survey population and the expected number of samples per facility.

A table of visitor use data for each facility, presented in people days is provided in Attachment 1. The UARP-related facilities included in this sample design host a total of 182,603 people days per year. A breakdown of visitation by reservoir and by activity is shown in Attachment 2.

Using a stratified random sample design, similar to that used for the 2002 Recreation Users Survey, the number of surveys to be conducted at each facility per reservoir is proportional to the number of visitors for each facility.

Schedule

Interview surveys will be conducted during the Summer 2003 primary recreation season, with pre-testing that occurred on May 17 and 26, and the actual survey period beginning on June 15 and ending on September 1. The surveys will consist of face-to-face interviews using a standardized instrument for the three reservoirs, attached as

Attachments 3. The only differences between the surveys are the site locations and the reservoir names. The pictures to be used for surveying at the survey locations are shown in Table 1 under “viewpoints”. At each viewpoint locations, a picture of a high, middle and low reservoir level was developed using actual photographs of the reservoir elevation, and image editing to make the surrounding landscape consistent. Attachment 4 consists of a log of the pictures that will be used in the survey, the date photograph was taken and the reservoir elevation on that day. In addition to the log, Attachment 4 includes black and white versions of the color pictures to be used in the survey. The pictures follow the same order as the log. Identification of the pictures is on the back. Therefore there are no titles on the images in Attachment 4.

The actual sampling days will be determined randomly on a rotating basis of one weekend day to one weekday. The equal sampling distribution between weekdays and weekend days was designed to compensate for the fact that midweek use is approximately half of the weekend use. Enough days were randomly generated to accommodate the number of surveys required for each facility.

The interview times to be used are identical to the times SMUD and the Forest Service agreed to the use for the 2002 Recreation Users Survey:

| | |
|----------------|--------------------------------|
| Boat Launches: | 10 am to 2 pm and 3 pm to 7 pm |
| Campgrounds: | 7 am to 10 am and 4 pm to 7 pm |
| Picnic Areas: | 10 am to 2 pm and 2 pm to 6 pm |

The number of expected interviews per day at each site was based on the assumption that one completed survey will take approximately 30 minutes. This time period includes pre- and post-survey activities as well as travel time between interview subjects. Therefore, one person can be expected to complete a maximum of six surveys within a three-hour interview period or eight surveys within a four-hour interview period. The Forest Service provided figures for the number of completed interviews obtainable for any given interview period for the 2002 Recreation Users Survey. Those figures were used in this scheduling plan.

At all locations, respondent selection will be based on an “nth” sampling procedure (i.e., an n of 2 means every other group is selected, an n of 3 means every 3rd group is selected, etc.). In campgrounds, the nth sampling procedure begins with a randomly selected campsite as the starting point. At boat launches and day use facilities, interviewers will exclude “quick stop” people from their potential pool (e.g., those just stopping to put garbage in a dumpster). An n of 2 will be used at all facilities except for the larger campgrounds (Ice House, Sunset, Wench Creek and Loon Lake) where an n of 5 will be used to allow a greater range of campsites to be surveyed. For the dispersed areas, an n of 0 will be used except for the Loon Lake Reservoir dispersed area on weekends, where an n of 3 will be used. Affinity bias will be minimized by precise instruction to the interviewers that when approaching a group, the interviewer selects the respondent via a “birthday quiz” whereby selection is made based on the closest birthday to the date of survey.

CRYSTAL BASIN/UARP FACILITY USE ESTIMATES

ATTACHMENT 1. UARP AESTHETICS SURVEY FACILITY USE ESTIMATES IN PEOPLE DAYS ⁺

| | Type | 1999 | 2000 | 2001 | 2002 | Average |
|---|------|----------------|----------------|---------------|----------------|----------------|
| CAMPGROUNDS¹ | | | | | | |
| Ice House | C | 21328 * | 28235 | 25492 | 27027 | 26918 |
| Northwind | FD | 2790 | 2623 | | 2219 | 2544 |
| Strawberry Point | FD | 2607 | 2659 | | 2466 | 2577 |
| <i>Total for Ice House Reservoir</i> | | <i>26725</i> | <i>33517</i> | <i>25492</i> | <i>31712</i> | <i>32039</i> |
| Camino Cove | F | | 6961 | | | 6961 |
| Jones Fork | FD | 2629 | 2696 | | 2176 | 2500 |
| Sunset | C | | 29524 | 29962 | 29629 | 29705 |
| Wench Creek Family | C | 16622 | 15143 | | 13500 | 15088 |
| Wench Creek Group 1 & 2 | C | 5895 | 4785 | | 4384 | 5021 |
| Wolf Creek | C | 7910 | 3976 | | 5376 | 5754 |
| Yellow Jacket | C | 8866 | 7828 | | 6190 | 7628 |
| <i>Total for Union Valley Reservoir</i> | | <i>41922</i> | <i>70913</i> | <i>29962</i> | <i>61255</i> | <i>72658</i> |
| Loon Lake Family | C | 8607 | 13256 | 9248 | 11761 | 10718 |
| Loon Lake Equestrian Family | C | 725 | 69 * | | 1164 | 945 |
| Loon Lake Group 1 & 2 | C | 2123 | 1648 | | 2063 | 1945 |
| Loon Lake Equestrian Group | C | 671 | 803 | | 371 | 615 |
| Northshore | FD | 1757 | 1689 | | 2023 | 1823 |
| <i>Total for Loon Lake Reservoir</i> | | <i>13883</i> | <i>17465</i> | <i>9248</i> | <i>17382</i> | <i>16545</i> |
| TOTAL | | 82,530 | 121,895 | 64,702 | 110,349 | 121,243 |
| BOAT LAUNCHES² | | | | | | |
| Ice House (I) | C | 19898 * | 10479 | | 11053 | 13810 |
| Sunset (U) | C | | 3675 * | | 9111 | 9111 |
| Westpoint (U) | F | 4211 | 2478 | | | 3345 |
| Loon Lake (L) | C | 3805 * | 7074 * | | 3700 | 5387 |
| TOTAL | | 27,914 | 23,706 | | 23,864 | 31,653 |
| PICNIC AREAS/TRAILHEADS | | | | | | |
| Fashoda (U) (includes CG) | C | | 4740 | 3609 | 3079 | 3809 |
| Ice House (I) | C | 3686 * | 1543 * | | 4199 | 4199 |
| TOTAL | | 3,686 | 6,283 | 3,609 | 7,278 | 8,008 |
| DISPERSED AREAS | | | | | | |
| Loon Lake (Between the Dams) | | | | | | 16,900 |
| Ice House (Along 11N92) | | | | | | 2,300 |
| Union Valley (Near the Dam) | | | | | | 2,500 |
| Total | | | | | | 21,700 |
| CRYSTAL BASIN/UARP TOTAL | | 114,130 | 151,884 | 68,311 | 141,491 | 182,603 |

Notes:

- () = **Reservoir:** I=Ice House; U=Union Valley; L=Loon Lake; G=Gerle Creek
- Type:** C=Concessionaire; FD=Fee Demo; F=Free
- Blank/empty cells indicate the Forest Service did not provide **any** data for the facility for the **entire** year.
- An asterisk (*) indicates the Forest Service provided only **partial** data for the facility for the year.

¹ Includes use counts for boat launch site camping.

² Boat launch day use AND Loon Lake Wilderness Trailhead use were recorded in vehicles. Thus, these estimates incorporate a persons per vehicle multiplier of 3.5 (as provided by the Forest Service) to convert to People Days.

³ This use number uses professional judgment because no use data was provided for any of the 4 years.

+ People Days = one person for a day or a portion of a day.

ATTACHMENT 2. - Total People Days
182,603

| | Ice House | % | Union Valley | % | Loon Lake | % |
|------------------------|-----------|-----|--------------|-----|-----------|-----|
| % of Total People Days | 29% | | 50% | | 21% | |
| Total People Days | 52,348 | | 91,423 | | 38,832 | |
| Boating | 13,810 | 26% | 12,456 | 14% | 5,387 | 14% |
| Camping | 32,039 | 61% | 72,658 | 79% | 16,545 | 43% |
| Day Use ⁺ | 4,199 | 8% | 3,809 | 4% | 0 | 0% |
| Dispersed Areas | 2,300 | 4% | 2,500 | 3% | 16,900 | 44% |

+ Loon Lake Day Use Area Included in Boat Launch

Sample Size: 300 (95% Confidence Level & 6% Margin of Error)

| | Ice House | Union Valley | Loon Lake |
|-----------------|----------------|----------------|----------------|
| Total Surveys | 100 | 100 | 100 |
| Boating | 26 | 14 | 14 |
| Camping | 61 | 79 | 42 |
| Day Use | 8 | 4 | 0 |
| Dispersed Areas | 5 | 3 | 44 |
| | 95%CI; ± 10.0% | 95%CI; ± 10.0% | 95%CI; ± 10.0% |

UARP AESTHETICS SURVEY INSTRUMENT
Ice House Reservoir

Specific Location (*Circle One*): ¹ Ice House BL ² Ice House PA ³ Ice House CG
(Picture Set to be used) (Picnic Area) (Picnic Area) (Picnic Area)

⁴ Strawberry CG ⁵ Northwind CG ⁶ Dispersed Area (Road 11N52)
(Picnic Area) (Picnic Area) (Picnic Area)

Record campsite no.: _____
(If applicable)

Day of the week (*Circle one*): ¹ Su ² Mon ³ Tues ⁴ Wed ⁵ Thu ⁶ Fri ⁷ Sat

Date: _____ Weather (*Circle one*): ¹ Clear ² Overcast ³ Showers

Gender (*Record by observation*) (*Circle one*): ¹ Male ² Female

Interviewer initials: _____ Interview Start Time: _____ ¹ AM ² PM (*Circle one*)

INTRODUCTION

Hello, my name is _____ and I am conducting interviews today with visitors to Ice House Reservoir on behalf of the Sacramento Municipal Utility District in cooperation with the Eldorado National Forest. The information will be used as part of relicensing SMUD's hydropower project, the Upper American River Project.* I'd like to ask you some questions about your satisfaction with the water levels of Ice House Reservoir. Your participation is voluntary and your responses will be kept confidential. The survey will take approximately 10 minutes of your time.

Do you have time to participate? (*Check one*)

¹ YES (*go to question 1*) ² NO

If no or refuse to answer, thank respondent for their time, terminate interview and complete the top portion of the interview form.

*If asked, let respondent know that SMUD owns and operates a series of hydroelectric power plants in the Crystal Basin. This survey will help us evaluate visitor's expectations for and satisfaction with water surface elevations.

SCREENING

I'd like to start by asking you a few general questions.

1. Have you been asked to participate in a similar survey this year? (*Check one*)

² NO (*go to question 2*) ¹ YES

If yes or refuse to answer, thank respondent for their time, terminate interview and complete the top portion of the interview form.

2. Are you at least 18 years old? (*Check one*)

¹ YES (*go to question 3*) ² NO

If no or refuse to answer, thank respondent for their time, terminate interview and complete the top portion of the interview form.

**UARP AESTHETICS SURVEY INSTRUMENT
Ice House Reservoir**

3. May I have the zip code of your primary place of residence? _____
4. Is this visit to Ice House Reservoir a day trip, or are you staying overnight? (Check one)
- ¹ Day trip ² Overnight

| |
|-----------------------------------|
| Visitor's Historical Trips |
|-----------------------------------|

5. Have you visited Ice House Reservoir before?
- ¹ YES ² NO (Check one)
- If respondent selects "no," go to question 11.*
6. How many years have you been visiting this reservoir? _____
7. About how many times per year do you visit this reservoir? _____
8. Is there a particular time of year that you prefer to visit this reservoir?
- ¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

- 8.1 During which months do you prefer to visit? (Clarify response & circle all that apply)

| | | | | | |
|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| ¹ Jan | ² Feb | ³ Mar | ⁴ Apr | ⁵ May | ⁶ Jun |
| ⁷ Jul | ⁸ Aug | ⁹ Sep | ¹⁰ Oct | ¹¹ Nov | ¹² Dec |

- 8.2 Why do you prefer these months? _____

9. During previous visits, have you ever been dissatisfied with the water level of Ice House Reservoir?

¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

- 9.1 Why were you dissatisfied? _____

- 9.2 Has this ever caused you to change your recreation plans?

¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

- 9.3 What changes did you make? _____

Get specific answers and allow for more than one response.

UARP AESTHETICS SURVEY INSTRUMENT
Ice House Reservoir

10. In the past, have you ever relocated because you had expected a different water level at Ice House Reservoir? By “relocate” I mean, did you ever move to a new location.

¹ YES ² NO *(Check one)*

If respondent selects “yes,” then ask:

10.1 What did you expect? _____

10.2 Where did you go? _____

10.3 Why did you go there? _____

10.4 What time of year was this? _____

Visitor’s Current Trip

Now I will ask you questions about your visit today at Ice House Reservoir.

11. How would you rate the overall appearance of this reservoir? *(Check one)*

¹ Very Unpleasing ² Unpleasing ³ Neutral ⁴ Pleasing ⁵ Very Pleasing

12. Does the appearance of the reservoir’s water level negatively affect your experience today?

¹ YES ² NO ³ DON’T KNOW *(Check one)*

If response is “Yes”, then ask:

12.1 To what extent does the reservoir’s appearance negatively affect your experience?

¹ Minimally ² Moderately ³ Significantly *(Check one)*

12.2 What is it about the reservoir’s appearance that negatively affects your experience?

13. Prior to arriving here for this trip, did you have an expectation of what the water level of Ice House Reservoir would be?

¹ YES ² NO ³ DON’T KNOW *(Check one)*

If respondent selects “yes,” then ask:

13.1 Did you expect the water level to be:

¹ Much Lower ² Lower ³ About where it is ⁴ Higher ⁵ Much Higher

UARP AESTHETICS SURVEY INSTRUMENT
Ice House Reservoir

Visitor's Satisfaction with Reservoir Levels

Now I am going to show you three pictures of Ice House Reservoir and ask you questions about your satisfaction with the reservoir water levels.

In a random order, show the respondent one of three different pictures of the reservoir from the same location, and ask the questions. Repeat process for the second and third pictures.

ATTENTION INTERVIEWER: You MUST document the picture ID Code (on back)!

Picture 1: ID Code _____ . Hand the visitor the picture and ask:

14. How satisfied would you be with the appearance of this reservoir if it looked like this?

¹ Very Dissatisfied ² Dissatisfied ³ Neutral ⁴ Satisfied ⁵ Very Satisfied
(Neither Dis. or Sat.)

If respondent selects "Very Dissatisfied" or "Dissatisfied", ask the next 2 questions:

14.1 What would you be dissatisfied with? _____

14.2 Would it cause you to change your recreation plans?

¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

14.3 What changes would you make? _____

15. Would the reservoir's appearance negatively affect your experience?

¹ YES ² NO ³ DON'T KNOW (Check one)

If response is "Yes", then ask:

15.1 To what extent would the reservoir's appearance negatively affect your experience?

¹ Minimally ² Moderately ³ Significantly (Check one)

15.2 What is it about the reservoir's appearance that would negatively affect your experience?

UARP AESTHETICS SURVEY INSTRUMENT
Ice House Reservoir

Picture 2: ID Code _____ . Hand the visitor the picture and ask:

16. How satisfied would you be with the appearance of this reservoir if it looked like this?

- ¹ Very Dissatisfied ² Dissatisfied ³ Neutral ⁴ Satisfied ⁵ Very Satisfied
(Neither Dis. or Sat.)

If respondent selects "Very Dissatisfied" or "Dissatisfied", ask the next 2 questions:

16.1 What would you be dissatisfied with? _____

16.2 Would it cause you to change your recreation plans?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

16.3 What changes would you make? _____

17. Would the reservoir's appearance negatively affect your experience?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If response is "Yes", then ask:

17.1 To what extent would the reservoir's appearance negatively affect your experience?

- ¹ Minimally ² Moderately ³ Significantly (Check one)

17.2 What is it about the reservoir's appearance that would negatively affect your experience?

UARP AESTHETICS SURVEY INSTRUMENT
Ice House Reservoir

Picture 3: ID Code _____ . Hand the visitor the picture and ask:

18. How satisfied would you be with the appearance of this reservoir if it looked like this?

- ¹ Very Dissatisfied ² Dissatisfied ³ Neutral ⁴ Satisfied ⁵ Very Satisfied
(Neither Dis. or Sat.)

If respondent selects "Very Dissatisfied" or "Dissatisfied", ask the next 2 questions:

18.1 What would you be dissatisfied with? _____

18.2 Would it cause you to change your recreation plans?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

18.3 What changes would you make? _____

19. Would the reservoir's appearance negatively affect your experience?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If response is "Yes", then ask:

19.1 To what extent would the reservoir's appearance negatively affect your experience?

- ¹ Minimally ² Moderately ³ Significantly (Check one)

19.2 What is it about the reservoir's appearance that would negatively affect your experience?

**UARP AESTHETICS SURVEY INSTRUMENT
Ice House Reservoir**

20. We have now completed the main part of the survey, however, in the future we may have follow-up questions to this survey. Would you be willing to provide your name and mailing address to be contacted for future studies of Ice House Reservoir?

- ¹ YES ² NO (Check one)

If respondent selects "yes," please complete the following:

Name: _____

Address: _____

City/State/Zip: _____

21. Thank you for taking the time to talk with me today and enjoy the rest of your visit.

Interview Stop Time: _____ ¹AM ²PM (Please circle)

CHECKLIST TO BE COMPLETED BY INTERVIEWER

- Check to see if you recorded your interview stop time.
- Check Photo ID codes.
- Check to make sure you have completed all questions on the top section of the survey form.
- Review survey form to make sure all questions have answers or non-responses recorded properly and completely.
- Prep for next survey.

UARP AESTHETICS SURVEY INSTRUMENT
Loon Lake Reservoir

Specific Location (*Circle One*): ¹ Loon Lake BL ² Loon Lake PA ³ Loon Lake CG
(Picture Set to be used) (Picnic Area) (Picnic Area) (Picnic Area)

⁴ Northshore CG ⁵ Dispersed Area (Between Dams)
(Picnic Area) (Picnic Area)

Record campsite no.: _____
(If applicable)

Day of the week (*Circle one*): ¹ Su ² Mon ³ Tues ⁴ Wed ⁵ Thu ⁶ Fri ⁷ Sat

Date: _____ Weather (*Circle one*): ¹ Clear ² Overcast ³ Showers

Gender (*Record by observation*) (*Circle one*): ¹ Male ² Female

Interviewer initials: _____ Interview Start Time: _____ ¹ AM ² PM (*Circle one*)

INTRODUCTION

Hello, my name is _____ and I am conducting interviews today with visitors to Loon Lake Reservoir on behalf of the Sacramento Municipal Utility District in cooperation with the Eldorado National Forest. The information will be used as part of relicensing SMUD's hydropower project, the Upper American River Project.* I'd like to ask you some questions about your satisfaction with the water levels of Loon Lake Reservoir. Your participation is voluntary and your responses will be kept confidential. The survey will take approximately 10 minutes of your time.

Do you have time to participate? (*Check one*)

¹ YES (*go to question 1*) ² NO

If no or refuse to answer, thank respondent for their time, terminate interview and complete the top portion of the interview form.

**If asked, let respondent know that SMUD owns and operates a series of hydroelectric power plants in the Crystal Basin. This survey will help us evaluate visitor's expectations for and satisfaction with water surface elevations.*

SCREENING

I'd like to start by asking you a few general questions.

1. Have you been asked to participate in a similar survey this year? (*Check one*)

² NO (*go to question 2*) ¹ YES

If yes or refuse to answer, thank respondent for their time, terminate interview and complete the top portion of the interview form.

2. Are you at least 18 years old? (*Check one*)

¹ YES (*go to question 3*) ² NO

If no or refuse to answer, thank respondent for their time, terminate interview and complete the top portion of the interview form.

UARP AESTHETICS SURVEY INSTRUMENT
Loon Lake Reservoir

3. May I have the zip code of your primary place of residence? _____
4. Is this visit to Loon Lake Reservoir a day trip, or are you staying overnight? (Check one)
- ¹ Day trip ² Overnight

| |
|-----------------------------------|
| Visitor's Historical Trips |
|-----------------------------------|

5. Have you visited Loon Lake Reservoir before?
- ¹ YES ² NO (Check one)
- If respondent selects "no," go to question 11.*
6. How many years have you been visiting this reservoir? _____
7. About how many times per year do you visit this reservoir? _____
8. Is there a particular time of year that you prefer to visit this reservoir?
- ¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

- 8.1 During which months do you prefer to visit? (Clarify response & circle all that apply)

| | | | | | |
|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| ¹ Jan | ² Feb | ³ Mar | ⁴ Apr | ⁵ May | ⁶ Jun |
| ⁷ Jul | ⁸ Aug | ⁹ Sep | ¹⁰ Oct | ¹¹ Nov | ¹² Dec |

- 8.2 Why do you prefer these months? _____

9. During previous visits, have you ever been **dissatisfied** with the water level of Loon Lake Reservoir?

¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

- 9.1 Why were you dissatisfied? _____

- 9.2 Has this ever caused you to **change** your recreation plans?

¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

- 9.3 What changes did you make? _____

Get specific answers and allow for more than one response.

UARP AESTHETICS SURVEY INSTRUMENT
Loon Lake Reservoir

10. In the past, have you ever relocated because you had expected a different water level at Loon Lake Reservoir? By “relocate” I mean, did you ever move to a new location.

¹ YES ² NO *(Check one)*

If respondent selects “yes,” then ask:

10.1 What did you expect? _____

10.2 Where did you go? _____

10.3 Why did you go there? _____

10.4 What time of year was this? _____

| |
|-------------------------------|
| Visitor’s Current Trip |
|-------------------------------|

Now I will ask you questions about your visit today at Loon Lake Reservoir.

11. How would you rate the overall appearance of this reservoir? *(Check one)*

¹ Very Unpleasing ² Unpleasing ³ Neutral ⁴ Pleasing ⁵ Very Pleasing

12. Does the appearance of the reservoir’s water level negatively affect your experience today?

¹ YES ² NO ³ DON’T KNOW *(Check one)*

If response is “Yes”, then ask:

12.1 To what extent does the reservoir’s appearance negatively affect your experience?

¹ Minimally ² Moderately ³ Significantly *(Check one)*

12.2 What is it about the reservoir’s appearance that negatively affects your experience?

13. Prior to arriving here for this trip, did you have an expectation of what the water level of Loon Lake Reservoir would be?

¹ YES ² NO ³ DON’T KNOW *(Check one)*

If respondent selects “yes,” then ask:

13.1 Did you expect the water level to be:

¹ Much Lower ² Lower ³ About where it is ⁴ Higher ⁵ Much Higher

UARP AESTHETICS SURVEY INSTRUMENT
Loon Lake Reservoir

Visitor's Satisfaction with Reservoir Levels

Now I am going to show you three pictures of Loon Lake Reservoir and ask you questions about your satisfaction with the reservoir water levels.

In a random order, show the respondent one of three different pictures of the reservoir from the same location, and ask the questions. Repeat process for the second and third pictures.

ATTENTION INTERVIEWER: You MUST document the picture ID Code (on back)!

Picture 1: ID Code _____ . Hand the visitor the picture and ask:

14. How satisfied would you be with the appearance of this reservoir if it looked like this?

¹ Very Dissatisfied ² Dissatisfied ³ Neutral ⁴ Satisfied ⁵ Very Satisfied
(Neither Dis. or Sat.)

If respondent selects "Very Dissatisfied" or "Dissatisfied", ask the next 2 questions:

14.1 What would you be dissatisfied with? _____

14.2 Would it cause you to change your recreation plans?

¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

14.3 What changes would you make? _____

15. Would the reservoir's appearance negatively affect your experience?

¹ YES ² NO ³ DON'T KNOW (Check one)

If response is "Yes", then ask:

15.1 To what extent would the reservoir's appearance negatively affect your experience?

¹ Minimally ² Moderately ³ Significantly (Check one)

15.2 What is it about the reservoir's appearance that would negatively affect your experience?

UARP AESTHETICS SURVEY INSTRUMENT
Loon Lake Reservoir

Picture 2: ID Code _____ . Hand the visitor the picture and ask:

16. How satisfied would you be with the appearance of this reservoir if it looked like this?

- ¹ Very Dissatisfied ² Dissatisfied ³ Neutral ⁴ Satisfied ⁵ Very Satisfied
(Neither Dis. or Sat.)

If respondent selects "Very Dissatisfied" or "Dissatisfied", ask the next 2 questions:

16.1 What would you be dissatisfied with? _____

16.2 Would it cause you to change your recreation plans?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

16.3 What changes would you make? _____

17. Would the reservoir's appearance negatively affect your experience?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If response is "Yes", then ask:

17.1 To what extent would the reservoir's appearance negatively affect your experience?

- ¹ Minimally ² Moderately ³ Significantly (Check one)

17.2 What is it about the reservoir's appearance that would negatively affect your experience?

UARP AESTHETICS SURVEY INSTRUMENT
Loon Lake Reservoir

Picture 3: ID Code _____ . Hand the visitor the picture and ask:

18. How satisfied would you be with the appearance of this reservoir if it looked like this?

- ¹ Very Dissatisfied ² Dissatisfied ³ Neutral ⁴ Satisfied ⁵ Very Satisfied
(Neither Dis. or Sat.)

If respondent selects "Very Dissatisfied" or "Dissatisfied", ask the next 2 questions:

18.1 What would you be dissatisfied with? _____

18.2 Would it cause you to change your recreation plans?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

18.3 What changes would you make? _____

19. Would the reservoir's appearance negatively affect your experience?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If response is "Yes", then ask:

19.1 To what extent would the reservoir's appearance negatively affect your experience?

- ¹ Minimally ² Moderately ³ Significantly (Check one)

19.2 What is it about the reservoir's appearance that would negatively affect your experience?

UARP AESTHETICS SURVEY INSTRUMENT
Loon Lake Reservoir

20. We have now completed the main part of the survey, however, in the future we may have follow-up questions to this survey. Would you be willing to provide your name and mailing address to be contacted for future studies of Loon Lake Reservoir?

- ¹ YES ² NO (Check one)

If respondent selects "yes," please complete the following:

Name: _____

Address: _____

City/State/Zip: _____

21. Thank you for taking the time to talk with me today and enjoy the rest of your visit.

Interview Stop Time: _____ ¹AM ²PM (Please circle)

CHECKLIST TO BE COMPLETED BY INTERVIEWER

- Check to see if you recorded your interview stop time.
- Check Photo ID codes.
- Check to make sure you have completed all questions on the top section of the survey form.
- Review survey form to make sure all questions have answers or non-responses recorded properly and completely.
- Prep for next survey.

**UARP AESTHETICS SURVEY INSTRUMENT
Union Valley Reservoir**

Specific Location (*Circle One*): ¹ Sunset BL ² West Point BL ³ Fashoda PA/CG
(Picture Set to be used) (Lone Rock) (Lone Rock) (Fashoda)

⁴ Jones Frk. CG ⁵ Wolf Crk. CG ⁶ Camino CG ⁷ Wench Crk. CG ⁸ Yellow Jacket CG
(Lone Rock) (Wolf Creek) (Wolf Creek) (Fashoda) (Wolf Creek)

⁹ Sunset CG ¹⁰ Dispersed Area (Dam Area & North Shore Rd) Record campsite no.: _____
(Fashoda) (Lone Rock) (*If applicable*)

Day of the week (*Circle one*): ¹ Su ² Mon ³ Tues ⁴ Wed ⁵ Thu ⁶ Fri ⁷ Sat

Date: _____ Weather (*Circle one*): ¹ Clear ² Overcast ³ Showers

Gender (*Record by observation*) (*Circle one*): ¹ Male ² Female

Interviewer initials: _____ Interview Start Time: _____ ¹ AM ² PM (*Circle one*)

INTRODUCTION

Hello, my name is _____ and I am conducting interviews today with visitors to Union Valley Reservoir on behalf of the Sacramento Municipal Utility District in cooperation with the Eldorado National Forest. The information will be used as part of relicensing SMUD's hydropower project, the Upper American River Project.* I'd like to ask you some questions about your satisfaction with the water levels of Union Valley Reservoir. Your participation is voluntary and your responses will be kept confidential. The survey will take approximately 10 minutes of your time.

Do you have time to participate? (*Check one*)

¹ YES (*go to question 1*) ² NO

If no or refuse to answer, thank respondent for their time, terminate interview and complete the top portion of the interview form.

*If asked, let respondent know that SMUD owns and operates a series of hydroelectric power plants in the Crystal Basin. This survey will help us evaluate visitor's expectations for and satisfaction with water surface elevations.

SCREENING

I'd like to start by asking you a few general questions.

1. Have you been asked to participate in a similar survey this year? (*Check one*)

² NO (*go to question 2*) ¹ YES

If yes or refuse to answer, thank respondent for their time, terminate interview and complete the top portion of the interview form.

2. Are you at least 18 years old? (*Check one*)

¹ YES (*go to question 3*) ² NO

If no or refuse to answer, thank respondent for their time, terminate interview and complete the top portion of the interview form.

UARP AESTHETICS SURVEY INSTRUMENT
Union Valley Reservoir

3. May I have the zip code of your primary place of residence? _____
4. Is this visit to Union Valley Reservoir a day trip, or are you staying overnight?
(Check one)
- ¹ Day trip ² Overnight

Visitor's Historical Trips

5. Have you visited Union Valley Reservoir before?
- ¹ YES ² NO (Check one)
- If respondent selects "no," go to question 11.*
6. How many years have you been visiting this reservoir? _____
7. About how many times per year do you visit this reservoir? _____
8. Is there a particular time of year that you prefer to visit this reservoir?
- ¹ YES ² NO ³ DON'T KNOW (Check one)
- If respondent selects "yes," then ask:*
- 8.1 During which months do you prefer to visit? (Clarify response & circle all that apply)
- | | | | | | |
|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| ¹ Jan | ² Feb | ³ Mar | ⁴ Apr | ⁵ May | ⁶ Jun |
| ⁷ Jul | ⁸ Aug | ⁹ Sep | ¹⁰ Oct | ¹¹ Nov | ¹² Dec |
- 8.2 Why do you prefer these months? _____
9. During previous visits, have you ever been dissatisfied with the water level of Union Valley Reservoir?
- ¹ YES ² NO ³ DON'T KNOW (Check one)
- If respondent selects "yes," then ask:*
- 9.1 Why were you dissatisfied? _____
- 9.2 Has this ever caused you to change your recreation plans?
- ¹ YES ² NO ³ DON'T KNOW (Check one)
- If respondent selects "yes," then ask:*
- 9.3 What changes did you make? _____
- Get specific answers and allow for more than one response.*

UARP AESTHETICS SURVEY INSTRUMENT
Union Valley Reservoir

10. In the past, have you ever relocated because you had expected a different water level at Union Valley Reservoir? By “relocate” I mean, did you ever move to a new location.

¹ YES ² NO (*Check one*)

If respondent selects “yes,” then ask:

10.1 What did you expect? _____

10.2 Where did you go? _____

10.3 Why did you go there? _____

10.4 What time of year was this? _____

Visitor’s Current Trip

Now I will ask you questions about your visit today at Union Valley Reservoir.

11. How would you rate the overall appearance of this reservoir? (*Check one*)

¹ Very Unpleasing ² Unpleasing ³ Neutral ⁴ Pleasing ⁵ Very Pleasing

12. Does the appearance of the reservoir’s water level negatively affect your experience today?

¹ YES ² NO ³ DON’T KNOW (*Check one*)

If response is “Yes”, then ask:

12.1 To what extent does the reservoir’s appearance negatively affect your experience?

¹ Minimally ² Moderately ³ Significantly (*Check one*)

12.2 What is it about the reservoir’s appearance that negatively affects your experience?

13. Prior to arriving here for this trip, did you have an expectation of what the water level of Union Valley Reservoir would be?

¹ YES ² NO ³ DON’T KNOW (*Check one*)

If respondent selects “yes,” then ask:

13.1 Did you expect the water level to be:

¹ Much Lower ² Lower ³ About where it is ⁴ Higher ⁵ Much Higher

UARP AESTHETICS SURVEY INSTRUMENT
Union Valley Reservoir

Visitor's Satisfaction with Reservoir Levels

Now I am going to show you three pictures of Union Valley Reservoir and ask you questions about your satisfaction with the reservoir water levels.

In a random order, show the respondent one of three different pictures of the reservoir from the same location, and ask the questions. Repeat process for the second and third pictures.

ATTENTION INTERVIEWER: You MUST document the picture ID Code (on back)!

Picture 1: ID Code _____ . Hand the visitor the picture and ask:

14. How satisfied would you be with the appearance of this reservoir if it looked like this?

¹ Very Dissatisfied ² Dissatisfied ³ Neutral ⁴ Satisfied ⁵ Very Satisfied
(Neither Dis. or Sat.)

If respondent selects "Very Dissatisfied" or "Dissatisfied", ask the next 2 questions:

14.1 What would you be dissatisfied with? _____

14.2 Would it cause you to change your recreation plans?

¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

14.3 What changes would you make? _____

15. Would the reservoir's appearance negatively affect your experience?

¹ YES ² NO ³ DON'T KNOW (Check one)

If response is "Yes", then ask:

15.1 To what extent would the reservoir's appearance negatively affect your experience?

¹ Minimally ² Moderately ³ Significantly (Check one)

15.2 What is it about the reservoir's appearance that would negatively affect your experience?

UARP AESTHETICS SURVEY INSTRUMENT
Union Valley Reservoir

Picture 2: ID Code _____ . Hand the visitor the picture and ask:

16. How satisfied would you be with the appearance of this reservoir if it looked like this?

- ¹ Very Dissatisfied ² Dissatisfied ³ Neutral ⁴ Satisfied ⁵ Very Satisfied
(Neither Dis. or Sat.)

If respondent selects "Very Dissatisfied" or "Dissatisfied", ask the next 2 questions:

16.1 What would you be dissatisfied with? _____

16.2 Would it cause you to change your recreation plans?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

16.3 What changes would you make? _____

17. Would the reservoir's appearance negatively affect your experience?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If response is "Yes", then ask:

17.1 To what extent would the reservoir's appearance negatively affect your experience?

- ¹ Minimally ² Moderately ³ Significantly (Check one)

17.2 What is it about the reservoir's appearance that would negatively affect your experience?

UARP AESTHETICS SURVEY INSTRUMENT
Union Valley Reservoir

Picture 3: ID Code _____ . Hand the visitor the picture and ask:

18. How satisfied would you be with the appearance of this reservoir if it looked like this?

- ¹ Very Dissatisfied ² Dissatisfied ³ Neutral ⁴ Satisfied ⁵ Very Satisfied
(Neither Dis. or Sat.)

If respondent selects "Very Dissatisfied" or "Dissatisfied", ask the next 2 questions:

18.1 What would you be dissatisfied with? _____

18.2 Would it cause you to change your recreation plans?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If respondent selects "yes," then ask:

18.3 What changes would you make? _____

19. Would the reservoir's appearance negatively affect your experience?

- ¹ YES ² NO ³ DON'T KNOW (Check one)

If response is "Yes", then ask:

19.1 To what extent would the reservoir's appearance negatively affect your experience?

- ¹ Minimally ² Moderately ³ Significantly (Check one)

19.2 What is it about the reservoir's appearance that would negatively affect your experience?

UARP AESTHETICS SURVEY INSTRUMENT
Union Valley Reservoir

20. We have now completed the main part of the survey, however, in the future we may have follow-up questions to this survey. Would you be willing to provide your name and mailing address to be contacted for future studies of Union Valley Reservoir?

- ¹ YES ² NO (Check one)

If respondent selects "yes," please complete the following:

Name: _____

Address: _____

City/State/Zip: _____

21. Thank you for taking the time to talk with me today and enjoy the rest of your visit.

Interview Stop Time: _____ ¹AM ²PM (Please circle)

CHECKLIST TO BE COMPLETED BY INTERVIEWER

- Check to see if you recorded your interview stop time.
- Check Photo ID codes.
- Check to make sure you have completed all questions on the top section of the survey form.
- Review survey form to make sure all questions have answers or non-responses recorded properly and completely.
- Prep for next survey.

APPENDIX B

SURVEY RESERVOIR PICTURES

- B.1 Loon Lake Reservoir Pictures
 - High Elevation – 6,407 feet
 - Intermediate Elevation – 6,399 feet
 - Low Elevation – 6,390 feet
- B.2 Union Valley Reservoir Pictures
 - High Elevation
 - Intermediate Elevation
 - Low Elevation
 - (Fashoda, Wolf Creek, Lone Rock)
- B.3 Ice House Reservoir Pictures
 - High Elevation Picture – 5,448 feet
 - Intermediate Elevation Picture – 5,438 feet
 - Low Elevation Picture – 5,425 feet



Loon Lake Reservoir - High Elevation (6,407 feet)



Loon Lake Reservoir - Intermediate Elevation (6,399 feet)



Loon Lake Reservoir - Low Elevation (6,390 feet)



Fashoda - High Elevation



Fashoda – Intermediate Elevation



Fashoda – Low Elevation



Wolf Creek – High Elevation



Wolf Creek – Intermediate Elevation



Wolf Creek – Low Elevation



Lone Rock – High Elevation



Lone Rock – Intermediate Elevation



Lone Rock – Low Elevation



Ice House Reservoir - High Elevation Picture (5,448 feet)



Ice House Reservoir - Intermediate Elevation Picture (5,438 feet)



Ice House Reservoir - Low Elevation Picture (5,425 feet)

APPENDIX C

SURVEY DATA

C.1 SPSS Raw Data Tables (Provided on CD by Request)

Loon Lake Reservoir

Union Valley Reservoir

Ice House Reservoir

C.2 All Reservoirs Frequency Tables

Questions 1-13

High Water Level

Intermediate Water Level

Low Water Level

C.3 Loon Lake Reservoir Frequency Tables

Questions 1-13

High Water Level

Intermediate Water Level

Low Water Level

C.4 Union Valley Reservoir Frequency Tables

Questions 1-13

High Water Level

Intermediate Water Level

Low Water Level

C.5 Ice House Reservoir Frequency Tables

Questions 1-13

High Water Level

Intermediate Water Level

Low Water Level

Appendix C.2.1 All Reservoirs - questions 1 through 13

Frequency Tables

| | | Reservoir | | | |
|-------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake | 83 | 28.4 | 28.4 | 28.4 |
| | Ice House | 101 | 34.6 | 34.6 | 63.0 |
| | Union Valley | 108 | 37.0 | 37.0 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| | | Specific Location | | | |
|-------|---|-------------------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake BL | 12 | 4.1 | 4.1 | 4.1 |
| | Loon Lake CG | 28 | 9.6 | 9.6 | 13.7 |
| | Northshore CG | 3 | 1.0 | 1.0 | 14.7 |
| | Dispersed Area (Between Dams) - Loon Lake | 40 | 13.7 | 13.7 | 28.4 |
| | Ice House BL | 25 | 8.6 | 8.6 | 37.0 |
| | Ice House PA | 10 | 3.4 | 3.4 | 40.4 |
| | Ice House CG | 48 | 16.4 | 16.4 | 56.8 |
| | Strawberry CG | 4 | 1.4 | 1.4 | 58.2 |
| | Northwind CG | 6 | 2.1 | 2.1 | 60.3 |
| | Dispersed Area (Road 11N52) - Ice House | 8 | 2.7 | 2.7 | 63.0 |
| | Sunset BL | 11 | 3.8 | 3.8 | 66.8 |
| | West Point BL | 3 | 1.0 | 1.0 | 67.8 |
| | Fashoda PA/CG | 6 | 2.1 | 2.1 | 69.9 |
| | Jones Fork CG | 7 | 2.4 | 2.4 | 72.3 |
| | Wolf Creek CG | 7 | 2.4 | 2.4 | 74.7 |
| | Camino CG | 9 | 3.1 | 3.1 | 77.7 |
| | Wench Creek CG | 21 | 7.2 | 7.2 | 84.9 |
| | Yellow Jacket CG | 10 | 3.4 | 3.4 | 88.4 |
| | Sunset CG | 32 | 11.0 | 11.0 | 99.3 |
| | Dispersed Area (Dam Area & Norht Shore Rd) - Union Valley | 2 | .7 | .7 | 100.0 |
| Total | 292 | 100.0 | 100.0 | | |

| Day of Week | | | | | |
|-------------|-------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Sun | 83 | 28.4 | 28.4 | 28.4 |
| | Mon | 30 | 10.3 | 10.3 | 38.7 |
| | Tues | 35 | 12.0 | 12.0 | 50.7 |
| | Wed | 18 | 6.2 | 6.2 | 56.8 |
| | Thurs | 14 | 4.8 | 4.8 | 61.6 |
| | Fri | 15 | 5.1 | 5.1 | 66.8 |
| | Sat | 97 | 33.2 | 33.2 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| Date | | | | | |
|----------|----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 06/15/03 | 7 | 2.4 | 2.4 | 2.4 |
| | 06/19/03 | 4 | 1.4 | 1.4 | 3.8 |
| | 06/20/03 | 2 | .7 | .7 | 4.5 |
| | 06/21/03 | 4 | 1.4 | 1.4 | 5.8 |
| | 06/22/03 | 5 | 1.7 | 1.7 | 7.5 |
| | 06/24/03 | 4 | 1.4 | 1.4 | 8.9 |
| | 06/25/03 | 4 | 1.4 | 1.4 | 10.3 |
| | 06/28/03 | 8 | 2.7 | 2.7 | 13.0 |
| | 06/29/03 | 13 | 4.5 | 4.5 | 17.5 |
| | 07/01/03 | 4 | 1.4 | 1.4 | 18.8 |
| | 07/04/03 | 12 | 4.1 | 4.1 | 22.9 |
| | 07/06/03 | 10 | 3.4 | 3.4 | 26.4 |
| | 07/07/03 | 3 | 1.0 | 1.0 | 27.4 |
| | 07/08/03 | 8 | 2.7 | 2.7 | 30.1 |
| | 07/09/03 | 4 | 1.4 | 1.4 | 31.5 |
| | 07/12/03 | 6 | 2.1 | 2.1 | 33.6 |
| | 07/13/03 | 14 | 4.8 | 4.8 | 38.4 |
| | 07/14/03 | 2 | .7 | .7 | 39.0 |
| | 07/15/03 | 4 | 1.4 | 1.4 | 40.4 |
| | 07/16/03 | 2 | .7 | .7 | 41.1 |
| 07/17/03 | 2 | .7 | .7 | 41.8 | |
| 07/19/03 | 10 | 3.4 | 3.4 | 45.2 | |
| 07/20/03 | 5 | 1.7 | 1.7 | 46.9 | |
| 07/22/03 | 2 | .7 | .7 | 47.6 | |

| | | | | |
|--------------|-----|-------|-------|-------|
| 07/26/03 | 7 | 2.4 | 2.4 | 50.0 |
| 07/28/03 | 5 | 1.7 | 1.7 | 51.7 |
| 07/30/03 | 1 | .3 | .3 | 52.1 |
| 08/02/03 | 8 | 2.7 | 2.7 | 54.8 |
| 08/03/03 | 7 | 2.4 | 2.4 | 57.2 |
| 08/04/03 | 6 | 2.1 | 2.1 | 59.2 |
| 08/07/03 | 2 | .7 | .7 | 59.9 |
| 08/09/03 | 4 | 1.4 | 1.4 | 61.3 |
| 08/10/03 | 7 | 2.4 | 2.4 | 63.7 |
| 08/12/03 | 4 | 1.4 | 1.4 | 65.1 |
| 08/13/03 | 1 | .3 | .3 | 65.4 |
| 08/14/03 | 4 | 1.4 | 1.4 | 66.8 |
| 08/16/03 | 20 | 6.8 | 6.8 | 73.6 |
| 08/17/03 | 1 | .3 | .3 | 74.0 |
| 08/18/03 | 5 | 1.7 | 1.7 | 75.7 |
| 08/19/03 | 9 | 3.1 | 3.1 | 78.8 |
| 08/23/03 | 1 | .3 | .3 | 79.1 |
| 08/24/03 | 11 | 3.8 | 3.8 | 82.9 |
| 08/25/03 | 2 | .7 | .7 | 83.6 |
| 08/27/03 | 6 | 2.1 | 2.1 | 85.6 |
| 08/28/03 | 2 | .7 | .7 | 86.3 |
| 08/29/03 | 1 | .3 | .3 | 86.6 |
| 08/30/03 | 22 | 7.5 | 7.5 | 94.2 |
| 08/31/03 | 10 | 3.4 | 3.4 | 97.6 |
| 09/01/03 | 7 | 2.4 | 2.4 | 100.0 |
| Total | 292 | 100.0 | 100.0 | |

| Weather | | | | | |
|---------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Clear | 275 | 94.2 | 94.2 | 94.2 |
| | Overcast | 15 | 5.1 | 5.1 | 99.3 |
| | Showers | 2 | .7 | .7 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| Gender | | | | | |
|--------|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Male | 179 | 61.3 | 61.3 | 61.3 |
| | Female | 98 | 33.6 | 33.6 | 94.9 |
| | No Response | 15 | 5.1 | 5.1 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| Zip Code (Recode) | | | | | |
|-------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | El Dorado County | 69 | 23.6 | 23.6 | 23.6 |
| | Sacramento County | 93 | 31.8 | 31.8 | 55.5 |
| | Placer County | 22 | 7.5 | 7.5 | 63.0 |
| | Yolo County | 4 | 1.4 | 1.4 | 64.4 |
| | Bay Area | 36 | 12.3 | 12.3 | 76.7 |
| | Northern CA | 5 | 1.7 | 1.7 | 78.4 |
| | Coast | 8 | 2.7 | 2.7 | 81.2 |
| | Central Valley | 29 | 9.9 | 9.9 | 91.1 |
| | Southern CA | 6 | 2.1 | 2.1 | 93.2 |
| | Out of State | 8 | 2.7 | 2.7 | 95.9 |
| | Out of Country | 2 | .7 | .7 | 96.6 |
| | No Response | 10 | 3.4 | 3.4 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| Day or Overnight Trip | | | | | |
|-----------------------|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Daytrip | 50 | 17.1 | 17.1 | 17.1 |
| | Overnight | 240 | 82.2 | 82.2 | 99.3 |
| | No Response | 2 | .7 | .7 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| Visited Before | | | | | |
|----------------|-------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 174 | 59.6 | 59.6 | 59.6 |
| | No | 118 | 40.4 | 40.4 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| # Years Visiting Reservoir | | | | | |
|-----------------------------------|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 8 | 2.7 | 4.6 | 4.6 |
| | 2 | 15 | 5.1 | 8.6 | 13.2 |
| | 3 | 11 | 3.8 | 6.3 | 19.5 |
| | 4 | 11 | 3.8 | 6.3 | 25.9 |
| | 5 | 12 | 4.1 | 6.9 | 32.8 |
| | 6 | 7 | 2.4 | 4.0 | 36.8 |
| | 7 | 4 | 1.4 | 2.3 | 39.1 |
| | 8 | 7 | 2.4 | 4.0 | 43.1 |
| | 9 | 4 | 1.4 | 2.3 | 45.4 |
| | 10 | 22 | 7.5 | 12.6 | 58.0 |
| | 11-15 | 27 | 9.2 | 15.5 | 73.6 |
| | 16-20 | 12 | 4.1 | 6.9 | 80.5 |
| | 21-30 | 18 | 6.2 | 10.3 | 90.8 |
| | 31-40 | 12 | 4.1 | 6.9 | 97.7 |
| | 41-50 | 2 | .7 | 1.1 | 98.9 |
| | 51 or more | 1 | .3 | .6 | 99.4 |
| | 20 | 1 | .3 | .6 | 100.0 |
| | Total | 174 | 59.6 | 100.0 | |
| Missing | System | 118 | 40.4 | | |
| Total | | 292 | 100.0 | | |

| # Visits per Year | | | | | |
|--------------------------|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 55 | 18.8 | 31.6 | 31.6 |
| | 2 | 50 | 17.1 | 28.7 | 60.3 |
| | 3 | 27 | 9.2 | 15.5 | 75.9 |
| | 4 | 19 | 6.5 | 10.9 | 86.8 |
| | 5 | 3 | 1.0 | 1.7 | 88.5 |
| | 6 | 7 | 2.4 | 4.0 | 92.5 |
| | 7 | 1 | .3 | .6 | 93.1 |
| | 8 | 2 | .7 | 1.1 | 94.3 |
| | 10 | 4 | 1.4 | 2.3 | 96.6 |
| | 11-15 | 3 | 1.0 | 1.7 | 98.3 |
| | 16 or more | 3 | 1.0 | 1.7 | 100.0 |
| | Total | | 174 | 59.6 | 100.0 |
| Missing | System | 118 | 40.4 | | |
| Total | | 292 | 100.0 | | |

| Is there a Time of Year that you prefer to Visit? | | | | | |
|--|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 126 | 43.2 | 72.4 | 72.4 |
| | No | 46 | 15.8 | 26.4 | 98.9 |
| | Don't Know | 2 | .7 | 1.1 | 100.0 |
| | Total | 174 | 59.6 | 100.0 | |
| Missing | System | 118 | 40.4 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - January | | | | | |
|---|----------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | January | 2 | .7 | 100.0 | 100.0 |
| Missing | System | 290 | 99.3 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - February | | | | | |
|-----------------------------------|----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | February | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - March | | | | | |
|--------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | March | 3 | 1.0 | 100.0 | 100.0 |
| Missing | System | 289 | 99.0 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - April | | | | | |
|--------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | April | 7 | 2.4 | 100.0 | 100.0 |
| Missing | System | 285 | 97.6 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - May | | | | | |
|------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | May | 29 | 9.9 | 100.0 | 100.0 |
| Missing | System | 263 | 90.1 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - June | | | | | |
|-------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | June | 88 | 30.1 | 100.0 | 100.0 |
| Missing | System | 204 | 69.9 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - July | | | | | |
|-------------------------------|--|--|--|--|--|
|-------------------------------|--|--|--|--|--|

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------|--------|-----------|---------|---------------|--------------------|
| Valid | July | 110 | 37.7 | 100.0 | 100.0 |
| Missing | System | 182 | 62.3 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - August | | | | | |
|---------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | August | 99 | 33.9 | 100.0 | 100.0 |
| Missing | System | 193 | 66.1 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - September | | | | | |
|------------------------------------|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | September | 50 | 17.1 | 100.0 | 100.0 |
| Missing | System | 242 | 82.9 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - October | | | | | |
|----------------------------------|---------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | October | 7 | 2.4 | 100.0 | 100.0 |
| Missing | System | 285 | 97.6 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - November | | | | | |
|-----------------------------------|----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | November | 4 | 1.4 | 100.0 | 100.0 |
| Missing | System | 288 | 98.6 | | |
| Total | | 292 | 100.0 | | |

| Months Prefer to Visit - December | | | | | |
|-----------------------------------|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |

| | | | | | |
|----------------|-----------------|-----|-------|-------|-------|
| | | | | | |
| Valid | December | 3 | 1.0 | 100.0 | 100.0 |
| Missing | System | 289 | 99.0 | | |
| Total | | 292 | 100.0 | | |

| Why do you Prefer these months? 1 | | | | | |
|--|------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 58 | 19.9 | 46.0 | 46.0 |
| | Time Related | 25 | 8.6 | 19.8 | 65.9 |
| | Water Related | 10 | 3.4 | 7.9 | 73.8 |
| | Fishing Related | 7 | 2.4 | 5.6 | 79.4 |
| | For the Boating | 2 | .7 | 1.6 | 81.0 |
| | General Related | 18 | 6.2 | 14.3 | 95.2 |
| | No Response | 6 | 2.1 | 4.8 | 100.0 |
| | Total | 126 | 43.2 | 100.0 | |
| Missing | System | 166 | 56.8 | | |
| Total | | 292 | 100.0 | | |

| Why do you Prefer these months? 2 | | | | | |
|--|------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 9 | 3.1 | 33.3 | 33.3 |
| | Time Related | 5 | 1.7 | 18.5 | 51.9 |
| | Water Related | 6 | 2.1 | 22.2 | 74.1 |
| | Fishing Related | 2 | .7 | 7.4 | 81.5 |
| | For the Boating | 3 | 1.0 | 11.1 | 92.6 |
| | General Related | 2 | .7 | 7.4 | 100.0 |
| | Total | 27 | 9.2 | 100.0 | |
| Missing | System | 265 | 90.8 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Weather Related 1" | | | | | |
|---|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| | | | | | |

| | | | | | |
|----------------|------------------------------|-----|-------|-------|-------|
| | | | | | |
| Valid | Summer Weather | 64 | 21.9 | 97.0 | 97.0 |
| | Cooler Weather | 1 | .3 | 1.5 | 98.5 |
| | Other Weather Related | 1 | .3 | 1.5 | 100.0 |
| | Total | 66 | 22.6 | 100.0 | |
| Missing | System | 226 | 77.4 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Weather Related 2" | | | | | |
|---|-----------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Weather | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Time Related 1" | | | | | |
|--|---|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Time | 13 | 4.5 | 44.8 | 44.8 |
| | Vacation Time/kids out of school | 15 | 5.1 | 51.7 | 96.6 |
| | Other Time Related | 1 | .3 | 3.4 | 100.0 |
| | Total | 29 | 9.9 | 100.0 | |
| Missing | System | 263 | 90.1 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Time Related 2" | | | | | |
|--|---|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Vacation Time/kids out of school | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water Related 1" | | | | | |
|---|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |

| | | | | | |
|----------------|---------------------------|-----|-------|-------|-------|
| | | | | | |
| Valid | Water high/more | 7 | 2.4 | 43.8 | 43.8 |
| | Water activities | 6 | 2.1 | 37.5 | 81.3 |
| | Warmer water temp. | 2 | .7 | 12.5 | 93.8 |
| | Lower Water Level | 1 | .3 | 6.3 | 100.0 |
| | Total | 16 | 5.5 | 100.0 | |
| Missing | System | 276 | 94.5 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Fishing Related 1" | | | | | |
|---|------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing quality | 8 | 2.7 | 88.9 | 88.9 |
| | Fish species | 1 | .3 | 11.1 | 100.0 |
| | Total | 9 | 3.1 | 100.0 | |
| Missing | System | 283 | 96.9 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "General Related 1" | | | | | |
|---|------------------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access (roads & trails) | 4 | 1.4 | 20.0 | 20.0 |
| | Less Crowded | 9 | 3.1 | 45.0 | 65.0 |
| | Organized Event | 1 | .3 | 5.0 | 70.0 |
| | Tradition | 2 | .7 | 10.0 | 80.0 |
| | Hiking | 1 | .3 | 5.0 | 85.0 |
| | Camping | 3 | 1.0 | 15.0 | 100.0 |
| | Total | 20 | 6.8 | 100.0 | |
| Missing | System | 272 | 93.2 | | |
| Total | | 292 | 100.0 | | |

| Previous visit, ever Dissatisfied with Water Level? | | | | | |
|--|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| | | | | | |

| | | | | | |
|----------------|-------------------|-----|-------|-------|-------|
| Valid | Yes | 54 | 18.5 | 31.0 | 31.0 |
| | No | 111 | 38.0 | 63.8 | 94.8 |
| | Don't Know | 9 | 3.1 | 5.2 | 100.0 |
| | Total | 174 | 59.6 | 100.0 | |
| Missing | System | 118 | 40.4 | | |
| Total | | 292 | 100.0 | | |

| Why were you dissatisfied? | | | | | |
|-----------------------------------|----------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Level Related | 49 | 16.8 | 90.7 | 90.7 |
| | Access Related | 5 | 1.7 | 9.3 | 100.0 |
| | Total | 54 | 18.5 | 100.0 | |
| Missing | System | 238 | 81.5 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water Level Related" | | | | | |
|---|-------------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/No Water | 47 | 16.1 | 95.9 | 95.9 |
| | Too Low for Recreation | 2 | .7 | 4.1 | 100.0 |
| | Total | 49 | 16.8 | 100.0 | |
| Missing | System | 243 | 83.2 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Access Related" | | | | | |
|--|------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Long Walk | 5 | 1.7 | 100.0 | 100.0 |
| Missing | System | 287 | 98.3 | | |
| Total | | 292 | 100.0 | | |

| Caused a Change in Recreation Plans? | | | | | |
|---|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| | | | | | |

| | | | | | |
|----------------|---------------|-----|-------|-------|-------|
| Valid | Yes | 19 | 6.5 | 35.2 | 35.2 |
| | No | 35 | 12.0 | 64.8 | 100.0 |
| | Total | 54 | 18.5 | 100.0 | |
| Missing | System | 238 | 81.5 | | |
| Total | | 292 | 100.0 | | |

| What Changes did you make? | | | | | |
|-----------------------------------|---|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activity - didn't boat | 5 | 1.7 | 26.3 | 26.3 |
| | Location Change Related | 13 | 4.5 | 68.4 | 94.7 |
| | No Response | 1 | .3 | 5.3 | 100.0 |
| | Total | 19 | 6.5 | 100.0 | |
| Missing | System | 273 | 93.5 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Location Change" | | | | | |
|---|--------------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Go Home | 7 | 2.4 | 46.7 | 46.7 |
| | Other Project Reservoir | 6 | 2.1 | 40.0 | 86.7 |
| | Outside of Project | 2 | .7 | 13.3 | 100.0 |
| | Total | 15 | 5.1 | 100.0 | |
| Missing | System | 277 | 94.9 | | |
| Total | | 292 | 100.0 | | |

| In the Past, ever Relocated Due to Water Level? | | | | | |
|--|--------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 16 | 5.5 | 9.1 | 9.1 |
| | No | 153 | 52.4 | 87.4 | 96.6 |
| | No Response | 6 | 2.1 | 3.4 | 100.0 |
| | Total | 175 | 59.9 | 100.0 | |
| Missing | System | 117 | 40.1 | | |
| Total | | 292 | 100.0 | | |

| What did you expect? | | | | | |
|-----------------------------|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |

| | | | | | |
|----------------|--------------------------|-----|-------|-------|-------|
| Valid | Higher/more water | 15 | 5.1 | 93.8 | 93.8 |
| | No Response | 1 | .3 | 6.3 | 100.0 |
| | Total | 16 | 5.5 | 100.0 | |
| Missing | System | 276 | 94.5 | | |
| Total | | 292 | 100.0 | | |

| Where did you go? | | | | | |
|--------------------------|---|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Within the Project Related | 12 | 4.1 | 75.0 | 75.0 |
| | Outside the Project - Wrigths Lake | 1 | .3 | 6.3 | 81.3 |
| | Outside ENF Related | 3 | 1.0 | 18.8 | 100.0 |
| | Total | 16 | 5.5 | 100.0 | |
| Missing | System | 276 | 94.5 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Within Project" | | | | | |
|--|---------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake | 5 | 1.7 | 41.7 | 41.7 |
| | Gerle Creek | 2 | .7 | 16.7 | 58.3 |
| | Ice House | 3 | 1.0 | 25.0 | 83.3 |
| | Union Valley | 2 | .7 | 16.7 | 100.0 |
| | Total | 12 | 4.1 | 100.0 | |
| Missing | System | 280 | 95.9 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Outside ENF" | | | | | |
|-------------------------------------|-----------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | French Meadows | 1 | .3 | 33.3 | 33.3 |
| | Tahoe | 1 | .3 | 33.3 | 66.7 |
| | Stumpy Meadows | 1 | .3 | 33.3 | 100.0 |
| | Total | 3 | 1.0 | 100.0 | |
| Missing | System | 289 | 99.0 | | |
| Total | | 292 | 100.0 | | |

| Why did you go there? | | | | | |
|------------------------------|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |

| | | | | | |
|----------------|---|-----|-------|-------|-------|
| Valid | For higher water | 11 | 3.8 | 68.8 | 68.8 |
| | For a more natural and satisfying appearance | 2 | .7 | 12.5 | 81.3 |
| | Pleasant previous trip/experience | 1 | .3 | 6.3 | 87.5 |
| | Nearest alternative | 2 | .7 | 12.5 | 100.0 |
| | Total | 16 | 5.5 | 100.0 | |
| Missing | System | 276 | 94.5 | | |
| Total | | 292 | 100.0 | | |

| What time of Year was this? | | | | | |
|------------------------------------|--------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer (June-Aug) | 9 | 3.1 | 56.3 | 56.3 |
| | Fall (Sept-Nov) | 3 | 1.0 | 18.8 | 75.0 |
| | Winter (Dec-Feb) | 1 | .3 | 6.3 | 81.3 |
| | Spring (Mar-May) | 2 | .7 | 12.5 | 93.8 |
| | No Response | 1 | .3 | 6.3 | 100.0 |
| | Total | 16 | 5.5 | 100.0 | |
| Missing | System | 276 | 94.5 | | |
| Total | | 292 | 100.0 | | |

| Current trip, How would you rate Overall Reservoir Appearance? | | | | | |
|---|------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Very Unpleasant | 1 | .3 | .3 | .3 |
| | Unpleasant | 3 | 1.0 | 1.0 | 1.4 |
| | Neutral | 15 | 5.1 | 5.1 | 6.5 |
| | Pleasant | 106 | 36.3 | 36.3 | 42.8 |
| | Very Pleasant | 167 | 57.2 | 57.2 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| Does Water Level Negatively Affect Experience? | | | | | |
|---|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |

| | | | | | |
|--------------|--------------------|-----|-------|-------|-------|
| Valid | Yes | 7 | 2.4 | 2.4 | 2.4 |
| | No | 274 | 93.8 | 93.8 | 96.2 |
| | Don't Know | 7 | 2.4 | 2.4 | 98.6 |
| | No Response | 4 | 1.4 | 1.4 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| To what extent does Res Appearance Negatively Affect Experience? | | | | | |
|---|----------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 2 | .7 | 28.6 | 28.6 |
| | Moderately | 4 | 1.4 | 57.1 | 85.7 |
| | Significantly | 1 | .3 | 14.3 | 100.0 |
| | Total | 7 | 2.4 | 100.0 | |
| Missing | System | 285 | 97.6 | | |
| Total | | 292 | 100.0 | | |

| What About Res Appearance Negatively Affects Experience? | | | | | |
|---|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Appearance Related | 5 | 1.7 | 71.4 | 71.4 |
| | Shoreline Appearance - too much shoreline | 1 | .3 | 14.3 | 85.7 |
| | No Response | 1 | .3 | 14.3 | 100.0 |
| | Total | 7 | 2.4 | 100.0 | |
| Missing | System | 285 | 97.6 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water Appearance" | | | | | |
|--|------------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Too Low | 4 | 1.4 | 80.0 | 80.0 |
| | Deceiving Water Level | 1 | .3 | 20.0 | 100.0 |
| | Total | 5 | 1.7 | 100.0 | |
| Missing | System | 287 | 98.3 | | |
| Total | | 292 | 100.0 | | |

| Prior to arriving, did you have Water Level Expectation at this Res? | | | | | |
|---|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| | | | | | |

| | | | | | |
|--------------|-------------------|-----|-------|-------|-------|
| Valid | Yes | 128 | 43.8 | 43.8 | 43.8 |
| | No | 147 | 50.3 | 50.3 | 94.2 |
| | Don't Know | 17 | 5.8 | 5.8 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| What did you expect the water level to be? | | | | | |
|---|--------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Much Lower | 7 | 2.4 | 5.5 | 5.5 |
| | Lower | 25 | 8.6 | 19.5 | 25.0 |
| | About Where it is | 64 | 21.9 | 50.0 | 75.0 |
| | Higher | 29 | 9.9 | 22.7 | 97.7 |
| | Much Higher | 3 | 1.0 | 2.3 | 100.0 |
| | Total | 128 | 43.8 | 100.0 | |
| Missing | System | 164 | 56.2 | | |
| Total | | 292 | 100.0 | | |

Appendix C.2.2 All Reservoirs - High Water Level

Frequency Tables

| Picture 3 ID Code | | | | | |
|-------------------|-----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ice House Picnic High | 101 | 34.6 | 34.6 | 34.6 |
| | Fashoda Picnic High | 60 | 20.5 | 20.5 | 55.1 |
| | Lone Rock CG High | 22 | 7.5 | 7.5 | 62.7 |
| | Wolf Creek CG High | 26 | 8.9 | 8.9 | 71.6 |
| | Loon Lake Picnic High | 83 | 28.4 | 28.4 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| How Satisfied with Appearance? Picture 3 | | | | | |
|--|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dissatisfied | 4 | 1.4 | 1.4 | 1.4 |
| | Neutral | 9 | 3.1 | 3.1 | 4.5 |
| | Satisfied | 87 | 29.8 | 29.8 | 34.2 |
| | Very Satisfied | 192 | 65.8 | 65.8 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| What would you be dissatisfied with? (1) | | | | | |
|--|--------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Appearance Related | 4 | 1.4 | 100.0 | 100.0 |
| Missing | System | 288 | 98.6 | | |
| Total | | 292 | 100.0 | | |

| What would you be dissatisfied with? (2) | | | | | |
|--|--------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Appearance Related | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water Appearance" Picture 3 (1) | | | | | |
|---|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 2 | .7 | 50.0 | 50.0 |
| | Water is too high | 2 | .7 | 50.0 | 100.0 |
| | Total | 4 | 1.4 | 100.0 | |
| Missing | System | 288 | 98.6 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water Appearance" Picture 3 (2) | | | | | |
|---|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Puddle-like, Muddy, Murky | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

| Cause you to Change Recreation Plans? - Picture 3 | | | | | |
|---|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 1 | .3 | 25.0 | 25.0 |
| | No | 3 | 1.0 | 75.0 | 100.0 |
| | Total | 4 | 1.4 | 100.0 | |
| Missing | System | 288 | 98.6 | | |
| Total | | 292 | 100.0 | | |

| What changes would you make? (1) | | | | | |
|----------------------------------|--------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would Move Outside ENF Related | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Would Move Outside ENF" Picture 3 (1) | | | | | |
|---|----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Borney - Lake Button | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

Would Reservoirs Appearance Negatively Affect Experience? Picture 3

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------------|-----------|---------|---------------|--------------------|
| Valid | Yes | 5 | 1.7 | 1.7 | 1.7 |
| | No | 277 | 94.9 | 94.9 | 96.6 |
| | Don't Know | 9 | 3.1 | 3.1 | 99.7 |
| | No Response | 1 | .3 | .3 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| To What Extent Appearance Would Affect Experience? Picture 3 | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 3 | 1.0 | 50.0 | 50.0 |
| | Moderately | 1 | .3 | 16.7 | 66.7 |
| | Significantly | 1 | .3 | 16.7 | 83.3 |
| | No Response | 1 | .3 | 16.7 | 100.0 |
| | Total | 6 | 2.1 | 100.0 | |
| Missing | System | 286 | 97.9 | | |
| Total | | 292 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (1) | | | | | |
|---|-----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 4 | 1.4 | 66.7 | 66.7 |
| | Water-Appearance/Look Related | 1 | .3 | 16.7 | 83.3 |
| | No Response | 1 | .3 | 16.7 | 100.0 |
| | Total | 6 | 2.1 | 100.0 | |
| Missing | System | 286 | 97.9 | | |
| Total | | 292 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (2) | | | | | |
|---|-----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 1 | .3 | 50.0 | 50.0 |
| | Environmental - Ecological Health | 1 | .3 | 50.0 | 100.0 |
| | Total | 2 | .7 | 100.0 | |
| Missing | System | 290 | 99.3 | | |
| Total | | 292 | 100.0 | | |

Drill down for "Shoreline-Appearance/Look" Picture 3 (1)

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|----------------|----------------------------------|-----------|---------|---------------|--------------------|
| Valid | Dry, barren, brown, mossy | 1 | .3 | 25.0 | 25.0 |
| | Too much area | 1 | .3 | 25.0 | 50.0 |
| | Want more beach | 2 | .7 | 50.0 | 100.0 |
| | Total | 4 | 1.4 | 100.0 | |
| Missing | System | 288 | 98.6 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 3 (2) | | | | | |
|---|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ugly,dirty | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 3 (1) | | | | | |
|---|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Puddle like, muddy, murky | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

Appendix C.2.3 All Reservoirs - Intermediate Water Level

Frequency Tables

| Picture 2 ID Code | | | | | |
|-------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ice House Picnic Medium | 101 | 34.6 | 34.6 | 34.6 |
| | Fashoda Picnic Medium | 60 | 20.5 | 20.5 | 55.1 |
| | Lone Rock CG Medium | 22 | 7.5 | 7.5 | 62.7 |
| | Wolf Creek CG Medium | 26 | 8.9 | 8.9 | 71.6 |
| | Loon Lake Picnic Medium | 83 | 28.4 | 28.4 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| How Satisfied with Appearance? Picture 2 | | | | | |
|--|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Very Dissatisfied | 9 | 3.1 | 3.1 | 3.1 |
| | Dissatisfied | 33 | 11.3 | 11.3 | 14.4 |
| | Neutral | 77 | 26.4 | 26.4 | 40.8 |
| | Satisfied | 132 | 45.2 | 45.2 | 86.0 |
| | Very Satisfied | 41 | 14.0 | 14.0 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| What would you be dissatisfied with? (1) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 6 | 2.1 | 14.3 | 14.3 |
| | Water Appearance Related | 26 | 8.9 | 61.9 | 76.2 |
| | Recreation Activity Related | 9 | 3.1 | 21.4 | 97.6 |
| | General - Unattractive/unappealing visually | 1 | .3 | 2.4 | 100.0 |
| | Total | 42 | 14.4 | 100.0 | |
| Missing | System | 250 | 85.6 | | |
| Total | | 292 | 100.0 | | |

| What would you be dissatisfied with? (2) | | | | | |
|--|-----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 6 | 2.1 | 46.2 | 46.2 |
| | Water Appearance Related | 1 | .3 | 7.7 | 53.8 |
| | Recreation Activity Related | 5 | 1.7 | 38.5 | 92.3 |
| | Environmental - low water related | 1 | .3 | 7.7 | 100.0 |
| | Total | 13 | 4.5 | 100.0 | |
| Missing | System | 279 | 95.5 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 2 (1) | | | | | |
|---|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, Barren | 2 | .7 | 16.7 | 16.7 |
| | Ugly, Dirty | 1 | .3 | 8.3 | 25.0 |
| | Rocks | 2 | .7 | 16.7 | 41.7 |
| | Too much Area | 6 | 2.1 | 50.0 | 91.7 |
| | Other | 1 | .3 | 8.3 | 100.0 |
| | Total | 12 | 4.1 | 100.0 | |
| Missing | System | 280 | 95.9 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water Appearance" Picture 2 (1) | | | | | |
|---|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 25 | 8.6 | 92.6 | 92.6 |
| | No Water | 1 | .3 | 3.7 | 96.3 |
| | Other | 1 | .3 | 3.7 | 100.0 |
| | Total | 27 | 9.2 | 100.0 | |
| Missing | System | 265 | 90.8 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Rec Activity Related" Picture 2 (1) | | | | | |
|---|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access - Long Walk/Distance | 8 | 2.7 | 57.1 | 57.1 |
| | Boating/Swimming (Includes tanning) | 1 | .3 | 7.1 | 64.3 |
| | Fishing | 3 | 1.0 | 21.4 | 85.7 |
| | General Interference with Recreational Activities | 1 | .3 | 7.1 | 92.9 |
| | Too low to Water Ski | 1 | .3 | 7.1 | 100.0 |
| | Total | 14 | 4.8 | 100.0 | |
| Missing | System | 278 | 95.2 | | |
| Total | | 292 | 100.0 | | |

| Cause you to Change Recreation Plans? - Picture 2 | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 27 | 9.2 | 64.3 | 64.3 |
| | No | 11 | 3.8 | 26.2 | 90.5 |
| | Don't Know | 2 | .7 | 4.8 | 95.2 |
| | No Response | 2 | .7 | 4.8 | 100.0 |
| | Total | 42 | 14.4 | 100.0 | |
| Missing | System | 250 | 85.6 | | |
| Total | | 292 | 100.0 | | |

| What changes would you make? (1) | | | | | |
|----------------------------------|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activities Related | 4 | 1.4 | 14.8 | 14.8 |
| | Would Move to Another Project Res Related | 2 | .7 | 7.4 | 22.2 |
| | Would Move Outside ENF Related | 2 | .7 | 7.4 | 29.6 |
| | Would go where there is water related | 8 | 2.7 | 29.6 | 59.3 |
| | Would go/stay home | 9 | 3.1 | 33.3 | 92.6 |
| | No Response | 2 | .7 | 7.4 | 100.0 |
| | Total | 27 | 9.2 | 100.0 | |
| Missing | System | 265 | 90.8 | | |
| Total | | 292 | 100.0 | | |

| What changes would you make? (2) | | | | | |
|----------------------------------|--------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activities Related | 1 | .3 | 50.0 | 50.0 |
| | Would Move Outside ENF Related | 1 | .3 | 50.0 | 100.0 |
| | Total | 2 | .7 | 100.0 | |
| Missing | System | 290 | 99.3 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Changes in Activities" Picture 2 (1) | | | | | |
|--|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No Boating | 1 | .3 | 25.0 | 25.0 |
| | No Water Skiing | 1 | .3 | 25.0 | 50.0 |
| | No Swimming | 1 | .3 | 25.0 | 75.0 |
| | No Fishing | 1 | .3 | 25.0 | 100.0 |
| | Total | 4 | 1.4 | 100.0 | |
| Missing | System | 288 | 98.6 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Changes in Activities" Picture 2 (2) | | | | | |
|--|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No Fishing | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Would Move to Another Project Res" Picture 2 (1) | | | | | |
|--|--------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ice House | 1 | .3 | 50.0 | 50.0 |
| | Another Reservoir in the Basin | 1 | .3 | 50.0 | 100.0 |
| | Total | 2 | .7 | 100.0 | |
| Missing | System | 290 | 99.3 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Would Move Outside ENF" Picture 2 (1) | | | | | |
|---|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Big Sur | 1 | .3 | 33.3 | 33.3 |
| | Bear River | 1 | .3 | 33.3 | 66.7 |
| | Lake Stampede | 1 | .3 | 33.3 | 100.0 |
| | Total | 3 | 1.0 | 100.0 | |
| Missing | System | 289 | 99.0 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Would Go Where There is Water" Picture 2 (1) | | | | | |
|--|------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would go where there is MORE water | 5 | 1.7 | 62.5 | 62.5 |
| | Would go where there is water | 3 | 1.0 | 37.5 | 100.0 |
| | Total | 8 | 2.7 | 100.0 | |
| Missing | System | 284 | 97.3 | | |
| Total | | 292 | 100.0 | | |

| Would Reservoirs Appearance Negatively Affect Experience? Picture 2 | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 49 | 16.8 | 16.8 | 16.8 |
| | No | 216 | 74.0 | 74.2 | 91.1 |
| | Don't Know | 25 | 8.6 | 8.6 | 99.7 |
| | No Response | 1 | .3 | .3 | 100.0 |
| | Total | 291 | 99.7 | 100.0 | |
| Missing | System | 1 | .3 | | |
| Total | | 292 | 100.0 | | |

| To What Extent Appearance Would Affect Experience? Picture 2 | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 18 | 6.2 | 36.7 | 36.7 |
| | Moderately | 15 | 5.1 | 30.6 | 67.3 |
| | Significantly | 16 | 5.5 | 32.7 | 100.0 |
| | Total | 49 | 16.8 | 100.0 | |
| Missing | System | 243 | 83.2 | | |

| | | | | |
|-------|-----|-------|--|--|
| Total | 292 | 100.0 | | |
|-------|-----|-------|--|--|

| What is it about the Appearance that would Negatively affect your Experience? (1) | | | | | |
|---|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 19 | 6.5 | 38.8 | 38.8 |
| | Water-Appearance/Look Related | 12 | 4.1 | 24.5 | 63.3 |
| | Shore & Water-Appearance/Look - unattractive | 6 | 2.1 | 12.2 | 75.5 |
| | Recreation Activity Related | 10 | 3.4 | 20.4 | 95.9 |
| | Environmental - Ecological Health | 1 | .3 | 2.0 | 98.0 |
| | 88 | 1 | .3 | 2.0 | 100.0 |
| | Total | 49 | 16.8 | 100.0 | |
| Missing | System | 243 | 83.2 | | |
| Total | | 292 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (2) | | | | | |
|---|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 13 | 4.5 | 59.1 | 59.1 |
| | Water-Appearance/Look Related | 2 | .7 | 9.1 | 68.2 |
| | Shore & Water-Appearance/Look - unattractive | 1 | .3 | 4.5 | 72.7 |
| | Recreation Activity Related | 6 | 2.1 | 27.3 | 100.0 |
| | Total | 22 | 7.5 | 100.0 | |
| Missing | System | 270 | 92.5 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 2 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, barren, brown, mossy | 4 | 1.4 | 14.3 | 14.3 |
| | Ugly,dirty | 6 | 2.1 | 21.4 | 35.7 |
| | Rocks | 3 | 1.0 | 10.7 | 46.4 |
| | Too much area | 14 | 4.8 | 50.0 | 96.4 |
| | Safety related | 1 | .3 | 3.6 | 100.0 |
| | Total | 28 | 9.6 | 100.0 | |
| Missing | System | 264 | 90.4 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 2 (2) | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ugly,dirty | 1 | .3 | 25.0 | 25.0 |
| | Rocks | 2 | .7 | 50.0 | 75.0 |
| | Too much area | 1 | .3 | 25.0 | 100.0 |
| | Total | 4 | 1.4 | 100.0 | |
| Missing | System | 288 | 98.6 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 2 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/no water | 12 | 4.1 | 85.7 | 85.7 |
| | Puddle like, muddy, murky | 2 | .7 | 14.3 | 100.0 |
| | Total | 14 | 4.8 | 100.0 | |
| Missing | System | 278 | 95.2 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 2 (1) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access-Long Walk/Distance | 10 | 3.4 | 66.7 | 66.7 |
| | Swimming | 1 | .3 | 6.7 | 73.3 |
| | Boating/Swimming | 1 | .3 | 6.7 | 80.0 |
| | Fishing/Boating | 1 | .3 | 6.7 | 86.7 |
| | General interference with Recreation Activities (non-spec.) | 2 | .7 | 13.3 | 100.0 |
| | Total | 15 | 5.1 | 100.0 | |
| Missing | System | 277 | 94.9 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 2 (2) | | | | | |
|--|---------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

Appendix C.2.4 All Reservoirs - Low Water Levels

Frequency Tables

| Picture 1 ID Code | | | | | |
|-------------------|----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ice House Picnic Low | 101 | 34.6 | 34.6 | 34.6 |
| | Fashoda Picnic Low | 60 | 20.5 | 20.5 | 55.1 |
| | Lone Rock CG Low | 22 | 7.5 | 7.5 | 62.7 |
| | Wolf Creek CG Low | 26 | 8.9 | 8.9 | 71.6 |
| | Loon Lake Picnic Low | 83 | 28.4 | 28.4 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| How Satisfied with Appearance? Picture 1 | | | | | |
|--|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Very Dissatisfied | 74 | 25.3 | 25.3 | 25.3 |
| | Dissatisfied | 99 | 33.9 | 33.9 | 59.2 |
| | Neutral | 74 | 25.3 | 25.3 | 84.6 |
| | Satisfied | 38 | 13.0 | 13.0 | 97.6 |
| | Very Satisfied | 7 | 2.4 | 2.4 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| What would you be dissatisfied with? (1) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 42 | 14.4 | 24.3 | 24.3 |
| | Water Appearance Related | 83 | 28.4 | 48.0 | 72.3 |
| | Recreation Activity Related | 29 | 9.9 | 16.8 | 89.0 |
| | Environmental - low water related | 5 | 1.7 | 2.9 | 91.9 |
| | General - Unattractive/unappealing visually | 6 | 2.1 | 3.5 | 95.4 |
| | No Response | 8 | 2.7 | 4.6 | 100.0 |
| | Total | 173 | 59.2 | 100.0 | |
| Missing | System | 119 | 40.8 | | |
| Total | | 292 | 100.0 | | |

| What would you be dissatisfied with? (2) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 16 | 5.5 | 38.1 | 38.1 |
| | Water Appearance Related | 7 | 2.4 | 16.7 | 54.8 |
| | Recreation Activity Related | 11 | 3.8 | 26.2 | 81.0 |
| | Environmental - low water related | 2 | .7 | 4.8 | 85.7 |
| | General - Unattractive/unappealing visually | 5 | 1.7 | 11.9 | 97.6 |
| | No Response | 1 | .3 | 2.4 | 100.0 |
| | Total | 42 | 14.4 | 100.0 | |
| Missing | System | 250 | 85.6 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 1 (1) | | | | | |
|---|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, Barren | 9 | 3.1 | 17.6 | 17.6 |
| | Ugly, Dirty | 12 | 4.1 | 23.5 | 41.2 |
| | Rocks | 13 | 4.5 | 25.5 | 66.7 |
| | Too much Area | 16 | 5.5 | 31.4 | 98.0 |
| | Other | 1 | .3 | 2.0 | 100.0 |
| | Total | 51 | 17.5 | 100.0 | |
| Missing | System | 241 | 82.5 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 1 (2) | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, Barren | 1 | .3 | 14.3 | 14.3 |
| | Ugly, Dirty | 2 | .7 | 28.6 | 42.9 |
| | Rocks | 3 | 1.0 | 42.9 | 85.7 |
| | Other | 1 | .3 | 14.3 | 100.0 |
| | Total | 7 | 2.4 | 100.0 | |
| Missing | System | 285 | 97.6 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water Appearance" Picture 1 (1) | | | | | |
|---|---------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 66 | 22.6 | 74.2 | 74.2 |
| | No Water | 10 | 3.4 | 11.2 | 85.4 |
| | Puddle-like, Muddy, Murky | 6 | 2.1 | 6.7 | 92.1 |
| | Boulders/Rocks, Stumps in Water | 3 | 1.0 | 3.4 | 95.5 |
| | Other | 4 | 1.4 | 4.5 | 100.0 |
| | Total | 89 | 30.5 | 100.0 | |
| Missing | System | 203 | 69.5 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water Appearance" Picture 1 (2) | | | | | |
|---|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Rec Activity Related" Picture 1 (1) | | | | | |
|---|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access - Long Walk/Distance | 17 | 5.8 | 44.7 | 44.7 |
| | Swimming (Includes tanning) | 4 | 1.4 | 10.5 | 55.3 |
| | Boating - Launching | 4 | 1.4 | 10.5 | 65.8 |
| | Boating/Swimming (Includes tanning) | 3 | 1.0 | 7.9 | 73.7 |
| | Fishing | 5 | 1.7 | 13.2 | 86.8 |
| | General Interference with Recreational Activities | 4 | 1.4 | 10.5 | 97.4 |
| | Too low to Water Ski | 1 | .3 | 2.6 | 100.0 |
| | Total | 38 | 13.0 | 100.0 | |
| Missing | System | 254 | 87.0 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Rec Activity Related" Picture 1 (2) | | | | | |
|---|-----------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access - Long Walk/Distance | 1 | .3 | 50.0 | 50.0 |
| | Swimming (Includes tanning) | 1 | .3 | 50.0 | 100.0 |
| | Total | 2 | .7 | 100.0 | |
| Missing | System | 290 | 99.3 | | |
| Total | | 292 | 100.0 | | |

| Cause you to Change Recreation Plans? - Picture 1 | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 88 | 30.1 | 50.9 | 50.9 |
| | No | 37 | 12.7 | 21.4 | 72.3 |
| | Don't Know | 36 | 12.3 | 20.8 | 93.1 |
| | No Response | 12 | 4.1 | 6.9 | 100.0 |
| | Total | 173 | 59.2 | 100.0 | |
| Missing | System | 119 | 40.8 | | |
| Total | | 292 | 100.0 | | |

| What changes would you make? (1) | | | | | |
|----------------------------------|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activities Related | 12 | 4.1 | 12.9 | 12.9 |
| | Would Move to Another Project Res Related | 13 | 4.5 | 14.0 | 26.9 |
| | Would Move to Outside project, but inside ENF Related | 1 | .3 | 1.1 | 28.0 |
| | Would Move Outside ENF Related | 5 | 1.7 | 5.4 | 33.3 |
| | Would go where there is water related | 19 | 6.5 | 20.4 | 53.8 |
| | Would go/stay home | 39 | 13.4 | 41.9 | 95.7 |
| | No Response | 4 | 1.4 | 4.3 | 100.0 |
| | Total | 93 | 31.8 | 100.0 | |
| Missing | System | 199 | 68.2 | | |
| Total | | 292 | 100.0 | | |

| What changes would you make? (2) | | | | | |
|----------------------------------|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activities Related | 2 | .7 | 22.2 | 22.2 |
| | Would Move to Another Project Res Related | 2 | .7 | 22.2 | 44.4 |
| | Would Move Outside ENF Related | 2 | .7 | 22.2 | 66.7 |
| | Would go where there is water related | 1 | .3 | 11.1 | 77.8 |
| | Would go/stay home | 2 | .7 | 22.2 | 100.0 |
| | Total | 9 | 3.1 | 100.0 | |
| Missing | System | 283 | 96.9 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Changes in Activities" Picture 1 (1) | | | | | |
|--|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No Boating | 8 | 2.7 | 61.5 | 61.5 |
| | No Swimming | 2 | .7 | 15.4 | 76.9 |
| | No Fishing | 2 | .7 | 15.4 | 92.3 |
| | Would Swim | 1 | .3 | 7.7 | 100.0 |
| | Total | 13 | 4.5 | 100.0 | |
| Missing | System | 279 | 95.5 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Changes in Activities" Picture 1 (2) | | | | | |
|--|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No Fishing | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Would Move to Another Project Res" Picture 1 (1) | | | | | |
|--|--------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Gerle Creek | 3 | 1.0 | 23.1 | 23.1 |
| | Ice House | 7 | 2.4 | 53.8 | 76.9 |
| | Loon Lake | 1 | .3 | 7.7 | 84.6 |
| | Another Reservoir in the Basin | 2 | .7 | 15.4 | 100.0 |
| | Total | 13 | 4.5 | 100.0 | |
| Missing | System | 279 | 95.5 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Would Move to Another Project Res" Picture 1 (2) | | | | | |
|--|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake | 1 | .3 | 50.0 | 50.0 |
| | Union Valley | 1 | .3 | 50.0 | 100.0 |
| | Total | 2 | .7 | 100.0 | |
| Missing | System | 290 | 99.3 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Would Move to Outside Project, but inside ENF" Picture 1 (1) | | | | | |
|--|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Other | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Would Move Outside ENF" Picture 1 (1) | | | | | |
|---|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tahoe | 3 | 1.0 | 42.9 | 42.9 |
| | Jackson Meadows | 1 | .3 | 14.3 | 57.1 |
| | Lake Shasta | 2 | .7 | 28.6 | 85.7 |
| | Lake Oroville | 1 | .3 | 14.3 | 100.0 |
| | Total | 7 | 2.4 | 100.0 | |
| Missing | System | 285 | 97.6 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Would Go Where There is Water" Picture 1 (1) | | | | | |
|--|------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would go where there is MORE water | 16 | 5.5 | 80.0 | 80.0 |
| | Would go where there is water | 4 | 1.4 | 20.0 | 100.0 |
| | Total | 20 | 6.8 | 100.0 | |
| Missing | System | 272 | 93.2 | | |
| Total | | 292 | 100.0 | | |

| Would Reservoirs Appearance Negatively Affect Experience? Picture 1 | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 131 | 44.9 | 44.9 | 44.9 |
| | No | 116 | 39.7 | 39.7 | 84.6 |
| | Don't Know | 44 | 15.1 | 15.1 | 99.7 |
| | No Response | 1 | .3 | .3 | 100.0 |
| | Total | 292 | 100.0 | 100.0 | |

| To What Extent Appearance Would Affect Experience? Picture 1 | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 33 | 11.3 | 25.0 | 25.0 |
| | Moderately | 41 | 14.0 | 31.1 | 56.1 |
| | Significantly | 57 | 19.5 | 43.2 | 99.2 |
| | No Response | 1 | .3 | .8 | 100.0 |
| | Total | 132 | 45.2 | 100.0 | |
| Missing | System | 160 | 54.8 | | |
| Total | | 292 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (1) | | | | | |
|--|---|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 55 | 18.8 | 42.0 | 42.0 |
| | Water-Appearance/Look Related | 42 | 14.4 | 32.1 | 74.0 |
| | Shore & Water-Appearance/Look - unattractive | 18 | 6.2 | 13.7 | 87.8 |
| | Recreation Activity Related | 13 | 4.5 | 9.9 | 97.7 |
| | Environmental - Ecological Health | 2 | .7 | 1.5 | 99.2 |
| | No Response | 1 | .3 | .8 | 100.0 |
| | Total | 131 | 44.9 | 100.0 | |
| Missing | System | 161 | 55.1 | | |
| Total | | 292 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (2) | | | | | |
|--|---|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 52 | 17.8 | 64.2 | 64.2 |
| | Water-Appearance/Look Related | 11 | 3.8 | 13.6 | 77.8 |
| | Shore & Water-Appearance/Look - unattractive | 5 | 1.7 | 6.2 | 84.0 |
| | Recreation Activity Related | 12 | 4.1 | 14.8 | 98.8 |
| | Environmental - Ecological Health | 1 | .3 | 1.2 | 100.0 |
| | Total | 81 | 27.7 | 100.0 | |
| Missing | System | 211 | 72.3 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 1 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, barren, brown, mossy | 26 | 8.9 | 30.2 | 30.2 |
| | Ugly,dirty | 17 | 5.8 | 19.8 | 50.0 |
| | Rocks | 15 | 5.1 | 17.4 | 67.4 |
| | Stumps | 1 | .3 | 1.2 | 68.6 |
| | Too much area | 23 | 7.9 | 26.7 | 95.3 |
| | Safety related | 1 | .3 | 1.2 | 96.5 |
| | Other | 3 | 1.0 | 3.5 | 100.0 |
| | Total | 86 | 29.5 | 100.0 | |
| Missing | System | 206 | 70.5 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 1 (2) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, barren, brown, mossy | 1 | .3 | 4.8 | 4.8 |
| | Ugly,dirty | 7 | 2.4 | 33.3 | 38.1 |
| | Rocks | 3 | 1.0 | 14.3 | 52.4 |
| | Stumps | 2 | .7 | 9.5 | 61.9 |
| | Too much area | 7 | 2.4 | 33.3 | 95.2 |
| | Safety related | 1 | .3 | 4.8 | 100.0 |
| | Total | 21 | 7.2 | 100.0 | |
| Missing | System | 271 | 92.8 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 1 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/no water | 37 | 12.7 | 75.5 | 75.5 |
| | Puddle like, muddy, murky | 12 | 4.1 | 24.5 | 100.0 |
| | Total | 49 | 16.8 | 100.0 | |
| Missing | System | 243 | 83.2 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 1 (2) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/no water | 1 | .3 | 25.0 | 25.0 |
| | Puddle like, muddy, murky | 3 | 1.0 | 75.0 | 100.0 |
| | Total | 4 | 1.4 | 100.0 | |
| Missing | System | 288 | 98.6 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 1 (1) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access-Long Walk/Distance | 9 | 3.1 | 37.5 | 37.5 |
| | Swimming | 1 | .3 | 4.2 | 41.7 |
| | Boating | 6 | 2.1 | 25.0 | 66.7 |
| | Boating/Swimming | 2 | .7 | 8.3 | 75.0 |
| | Fishing | 2 | .7 | 8.3 | 83.3 |
| | General interference with Recreation Activities (non-spec.) | 4 | 1.4 | 16.7 | 100.0 |
| | Total | 24 | 8.2 | 100.0 | |
| Missing | System | 268 | 91.8 | | |
| Total | | 292 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 1 (2) | | | | | |
|--|---------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing | 1 | .3 | 100.0 | 100.0 |
| Missing | System | 291 | 99.7 | | |
| Total | | 292 | 100.0 | | |

Appendix C.3.1 Loon Lake Reservoir - questions 1 through 13

Frequency Tables

| Reservoir | | | | | |
|-----------|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake | 83 | 100.0 | 100.0 | 100.0 |

| Zip Code (Recode) | | | | | |
|-------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | El Dorado County | 13 | 15.7 | 15.7 | 15.7 |
| | Sacramento County | 32 | 38.6 | 38.6 | 54.2 |
| | Placer County | 4 | 4.8 | 4.8 | 59.0 |
| | Yolo County | 3 | 3.6 | 3.6 | 62.7 |
| | Bay Area | 14 | 16.9 | 16.9 | 79.5 |
| | Northern CA | 3 | 3.6 | 3.6 | 83.1 |
| | Coast | 3 | 3.6 | 3.6 | 86.7 |
| | Central Valley | 4 | 4.8 | 4.8 | 91.6 |
| | Southern CA | 2 | 2.4 | 2.4 | 94.0 |
| | Out of State | 1 | 1.2 | 1.2 | 95.2 |
| | Out of Country | 2 | 2.4 | 2.4 | 97.6 |
| | No Response | 2 | 2.4 | 2.4 | 100.0 |
| Total | | 83 | 100.0 | 100.0 | |

| Day or Overnight Trip | | | | | |
|-----------------------|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Daytrip | 7 | 8.4 | 8.4 | 8.4 |
| | Overnight | 75 | 90.4 | 90.4 | 98.8 |
| | No Response | 1 | 1.2 | 1.2 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| Visited Before | | | | | |
|----------------|-------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 40 | 48.2 | 48.2 | 48.2 |
| | No | 43 | 51.8 | 51.8 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| # Years Visiting Reservoir | | | | | |
|----------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 2 | 4 | 4.8 | 10.0 | 10.0 |
| | 3 | 3 | 3.6 | 7.5 | 17.5 |
| | 4 | 2 | 2.4 | 5.0 | 22.5 |
| | 5 | 5 | 6.0 | 12.5 | 35.0 |
| | 7 | 3 | 3.6 | 7.5 | 42.5 |
| | 10 | 7 | 8.4 | 17.5 | 60.0 |
| | 11-15 | 5 | 6.0 | 12.5 | 72.5 |
| | 16-20 | 3 | 3.6 | 7.5 | 80.0 |
| | 21-30 | 3 | 3.6 | 7.5 | 87.5 |
| | 31-40 | 5 | 6.0 | 12.5 | 100.0 |
| | Total | 40 | 48.2 | 100.0 | |
| Missing | System | 43 | 51.8 | | |
| Total | | 83 | 100.0 | | |

| # Visits per Year | | | | | |
|-------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 11 | 13.3 | 27.5 | 27.5 |
| | 2 | 12 | 14.5 | 30.0 | 57.5 |
| | 3 | 7 | 8.4 | 17.5 | 75.0 |
| | 4 | 5 | 6.0 | 12.5 | 87.5 |
| | 5 | 1 | 1.2 | 2.5 | 90.0 |
| | 6 | 2 | 2.4 | 5.0 | 95.0 |
| | 10 | 1 | 1.2 | 2.5 | 97.5 |
| | 11-15 | 1 | 1.2 | 2.5 | 100.0 |
| | Total | 40 | 48.2 | 100.0 | |
| Missing | System | 43 | 51.8 | | |
| Total | | 83 | 100.0 | | |

| Is there a Time of Year that you prefer to Visit? | | | | | |
|---|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 33 | 39.8 | 82.5 | 82.5 |
| | No | 7 | 8.4 | 17.5 | 100.0 |
| | Total | 40 | 48.2 | 100.0 | |
| Missing | System | 43 | 51.8 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - January | | | | | |
|----------------------------------|---------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | January | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - February | | | | | |
|-----------------------------------|----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | February | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - March | | | | | |
|--------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | March | 2 | 2.4 | 100.0 | 100.0 |
| Missing | System | 81 | 97.6 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - April | | | | | |
|--------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | April | 3 | 3.6 | 100.0 | 100.0 |
| Missing | System | 80 | 96.4 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - May | | | | | |
|-------------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | May | 12 | 14.5 | 100.0 | 100.0 |
| Missing | System | 71 | 85.5 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - June | | | | | |
|--------------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | June | 25 | 30.1 | 100.0 | 100.0 |
| Missing | System | 58 | 69.9 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - July | | | | | |
|--------------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | July | 29 | 34.9 | 100.0 | 100.0 |
| Missing | System | 54 | 65.1 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - August | | | | | |
|--|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | August | 31 | 37.3 | 100.0 | 100.0 |
| Missing | System | 52 | 62.7 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - September | | | | | |
|---|------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | September | 19 | 22.9 | 100.0 | 100.0 |
| Missing | System | 64 | 77.1 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - October | | | | | |
|----------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | October | 3 | 3.6 | 100.0 | 100.0 |
| Missing | System | 80 | 96.4 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - November | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | November | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - December | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | December | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Why do you Prefer these months? 1 | | | | | |
|-----------------------------------|------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 13 | 15.7 | 40.6 | 40.6 |
| | Time Related | 8 | 9.6 | 25.0 | 65.6 |
| | Fishing Related | 2 | 2.4 | 6.3 | 71.9 |
| | General Related | 7 | 8.4 | 21.9 | 93.8 |
| | No Response | 2 | 2.4 | 6.3 | 100.0 |
| | Total | | 32 | 38.6 | 100.0 |
| Missing | System | 51 | 61.4 | | |
| Total | | 83 | 100.0 | | |

| Why do you Prefer these months? 2 | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 3 | 3.6 | 60.0 | 60.0 |
| | Fishing Related | 1 | 1.2 | 20.0 | 80.0 |
| | General Related | 1 | 1.2 | 20.0 | 100.0 |
| | Total | 5 | 6.0 | 100.0 | |
| Missing | System | 78 | 94.0 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Weather Related 1" | | | | | |
|------------------------------------|-----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Weather | 14 | 16.9 | 93.3 | 93.3 |
| | Other Weather Related | 1 | 1.2 | 6.7 | 100.0 |
| | Total | 15 | 18.1 | 100.0 | |
| Missing | System | 68 | 81.9 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Weather Related 2" | | | | | |
|------------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Weather | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Time Related 1" | | | | | |
|---------------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Time | 4 | 4.8 | 50.0 | 50.0 |
| | Vacation Time/kids out of school | 3 | 3.6 | 37.5 | 87.5 |
| | Other Time Related | 1 | 1.2 | 12.5 | 100.0 |
| | Total | 8 | 9.6 | 100.0 | |
| Missing | System | 75 | 90.4 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Fishing Related 1" | | | | | |
|------------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing quality | 3 | 3.6 | 100.0 | 100.0 |
| Missing | System | 80 | 96.4 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "General Related 1" | | | | | |
|------------------------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access (roads & trails) | 3 | 3.6 | 37.5 | 37.5 |
| | Less Crowded | 2 | 2.4 | 25.0 | 62.5 |
| | Tradition | 1 | 1.2 | 12.5 | 75.0 |
| | Hiking | 1 | 1.2 | 12.5 | 87.5 |
| | Camping | 1 | 1.2 | 12.5 | 100.0 |
| | Total | 8 | 9.6 | 100.0 | |
| Missing | System | 75 | 90.4 | | |
| Total | | 83 | 100.0 | | |

| Previous visit, ever Dissatisfied with Water Level? | | | | | |
|---|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 6 | 7.2 | 15.0 | 15.0 |
| | No | 34 | 41.0 | 85.0 | 100.0 |
| | Total | 40 | 48.2 | 100.0 | |
| Missing | System | 43 | 51.8 | | |
| Total | | 83 | 100.0 | | |

| Why were you dissatisfied? | | | | | |
|----------------------------|---------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Level Related | 6 | 7.2 | 100.0 | 100.0 |
| Missing | System | 77 | 92.8 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Water Level Related" | | | | | |
|--------------------------------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/No Water | 6 | 7.2 | 100.0 | 100.0 |
| Missing | System | 77 | 92.8 | | |
| Total | | 83 | 100.0 | | |

| Caused a Change in Recreation Plans? | | | | | |
|--------------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 2 | 2.4 | 33.3 | 33.3 |
| | No | 4 | 4.8 | 66.7 | 100.0 |
| | Total | 6 | 7.2 | 100.0 | |
| Missing | System | 77 | 92.8 | | |
| Total | | 83 | 100.0 | | |

| What Changes did you make? | | | | | |
|----------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activity - didn't boat | 1 | 1.2 | 50.0 | 50.0 |
| | Location Change Related | 1 | 1.2 | 50.0 | 100.0 |
| | Total | 2 | 2.4 | 100.0 | |
| Missing | System | 81 | 97.6 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Location Change" | | | | | |
|----------------------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Other Project Reservoir | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| In the Past, ever Relocated Due to Water Level? | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 1 | 1.2 | 2.5 | 2.5 |
| | No | 36 | 43.4 | 90.0 | 92.5 |
| | No Response | 3 | 3.6 | 7.5 | 100.0 |
| | Total | 40 | 48.2 | 100.0 | |
| Missing | System | 43 | 51.8 | | |
| Total | | 83 | 100.0 | | |

| What did you expect? | | | | | |
|----------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Higher/more water | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Where did you go? | | | | | |
|-------------------|---------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Outside ENF Related | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Outside ENF" | | | | | |
|------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Stumpy Meadows | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Why did you go there? | | | | | |
|-----------------------|---------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Nearest alternative | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| What time of Year was this? | | | | | |
|-----------------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Spring (Mar-May) | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Current trip, How would you rate Overall Reservoir Appearance? | | | | | |
|--|----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Unpleasing | 1 | 1.2 | 1.2 | 1.2 |
| | Neutral | 2 | 2.4 | 2.4 | 3.6 |
| | Pleasing | 18 | 21.7 | 21.7 | 25.3 |
| | Very Pleasing | 62 | 74.7 | 74.7 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| Does Water Level Negatively Affect Experience? | | | | | |
|--|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 83 | 100.0 | 100.0 | 100.0 |

| Prior to arriving, did you have Water Level Expectation at this Res? | | | | | |
|--|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 25 | 30.1 | 30.1 | 30.1 |
| | No | 56 | 67.5 | 67.5 | 97.6 |
| | Don't Know | 2 | 2.4 | 2.4 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| What did you expect the water level to be? | | | | | |
|--|--------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Much Lower | 4 | 4.8 | 16.0 | 16.0 |
| | Lower | 4 | 4.8 | 16.0 | 32.0 |
| | About Where it is | 11 | 13.3 | 44.0 | 76.0 |
| | Higher | 6 | 7.2 | 24.0 | 100.0 |
| | Total | 25 | 30.1 | 100.0 | |
| Missing | System | 58 | 69.9 | | |
| Total | | 83 | 100.0 | | |

Loon Lake Questions 1 - 13

| Reservoir | | | | | |
|-----------|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake | 83 | 100.0 | 100.0 | 100.0 |

| Zip Code (Recode) | | | | | |
|-------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | El Dorado County | 13 | 15.7 | 15.7 | 15.7 |
| | Sacramento County | 32 | 38.6 | 38.6 | 54.2 |
| | Placer County | 4 | 4.8 | 4.8 | 59.0 |
| | Yolo County | 3 | 3.6 | 3.6 | 62.7 |
| | Bay Area | 14 | 16.9 | 16.9 | 79.5 |
| | Northern CA | 3 | 3.6 | 3.6 | 83.1 |
| | Coast | 3 | 3.6 | 3.6 | 86.7 |
| | Central Valley | 4 | 4.8 | 4.8 | 91.6 |
| | Southern CA | 2 | 2.4 | 2.4 | 94.0 |
| | Out of State | 1 | 1.2 | 1.2 | 95.2 |
| | Out of Country | 2 | 2.4 | 2.4 | 97.6 |
| | No Response | 2 | 2.4 | 2.4 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| Day or Overnight Trip | | | | | |
|-----------------------|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Daytrip | 7 | 8.4 | 8.4 | 8.4 |
| | Overnight | 75 | 90.4 | 90.4 | 98.8 |
| | No Response | 1 | 1.2 | 1.2 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| Visited Before | | | | | |
|----------------|-------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 40 | 48.2 | 48.2 | 48.2 |
| | No | 43 | 51.8 | 51.8 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| # Years Visiting Reservoir | | | | | |
|-----------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 2 | 4 | 4.8 | 10.0 | 10.0 |
| | 3 | 3 | 3.6 | 7.5 | 17.5 |
| | 4 | 2 | 2.4 | 5.0 | 22.5 |
| | 5 | 5 | 6.0 | 12.5 | 35.0 |
| | 7 | 3 | 3.6 | 7.5 | 42.5 |
| | 10 | 7 | 8.4 | 17.5 | 60.0 |
| | 11-15 | 5 | 6.0 | 12.5 | 72.5 |
| | 16-20 | 3 | 3.6 | 7.5 | 80.0 |
| | 21-30 | 3 | 3.6 | 7.5 | 87.5 |
| | 31-40 | 5 | 6.0 | 12.5 | 100.0 |
| | Total | 40 | 48.2 | 100.0 | |
| Missing | System | 43 | 51.8 | | |
| Total | | 83 | 100.0 | | |

| # Visits per Year | | | | | |
|--------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 11 | 13.3 | 27.5 | 27.5 |
| | 2 | 12 | 14.5 | 30.0 | 57.5 |
| | 3 | 7 | 8.4 | 17.5 | 75.0 |
| | 4 | 5 | 6.0 | 12.5 | 87.5 |
| | 5 | 1 | 1.2 | 2.5 | 90.0 |
| | 6 | 2 | 2.4 | 5.0 | 95.0 |
| | 10 | 1 | 1.2 | 2.5 | 97.5 |
| | 11-15 | 1 | 1.2 | 2.5 | 100.0 |
| | Total | 40 | 48.2 | 100.0 | |
| Missing | System | 43 | 51.8 | | |
| Total | | 83 | 100.0 | | |

| Is there a Time of Year that you prefer to Visit? | | | | | |
|---|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 33 | 39.8 | 82.5 | 82.5 |
| | No | 7 | 8.4 | 17.5 | 100.0 |
| | Total | 40 | 48.2 | 100.0 | |
| Missing | System | 43 | 51.8 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - January | | | | | |
|----------------------------------|---------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | January | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - February | | | | | |
|-----------------------------------|----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | February | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - March | | | | | |
|--------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | March | 2 | 2.4 | 100.0 | 100.0 |
| Missing | System | 81 | 97.6 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - April | | | | | |
|--------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | April | 3 | 3.6 | 100.0 | 100.0 |
| Missing | System | 80 | 96.4 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - May | | | | | |
|-------------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | May | 12 | 14.5 | 100.0 | 100.0 |
| Missing | System | 71 | 85.5 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - June | | | | | |
|--------------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | June | 25 | 30.1 | 100.0 | 100.0 |
| Missing | System | 58 | 69.9 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - July | | | | | |
|--------------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | July | 29 | 34.9 | 100.0 | 100.0 |
| Missing | System | 54 | 65.1 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - August | | | | | |
|--|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | August | 31 | 37.3 | 100.0 | 100.0 |
| Missing | System | 52 | 62.7 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - September | | | | | |
|---|------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | September | 19 | 22.9 | 100.0 | 100.0 |
| Missing | System | 64 | 77.1 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - October | | | | | |
|----------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | October | 3 | 3.6 | 100.0 | 100.0 |
| Missing | System | 80 | 96.4 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - November | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | November | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Months Prefer to Visit - December | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | December | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Why do you Prefer these months? 1 | | | | | |
|-----------------------------------|------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 13 | 15.7 | 40.6 | 40.6 |
| | Time Related | 8 | 9.6 | 25.0 | 65.6 |
| | Fishing Related | 2 | 2.4 | 6.3 | 71.9 |
| | General Related | 7 | 8.4 | 21.9 | 93.8 |
| | No Response | 2 | 2.4 | 6.3 | 100.0 |
| | Total | 32 | 38.6 | 100.0 | |
| Missing | System | 51 | 61.4 | | |
| Total | | 83 | 100.0 | | |

| Why do you Prefer these months? 2 | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 3 | 3.6 | 60.0 | 60.0 |
| | Fishing Related | 1 | 1.2 | 20.0 | 80.0 |
| | General Related | 1 | 1.2 | 20.0 | 100.0 |
| | Total | 5 | 6.0 | 100.0 | |
| Missing | System | 78 | 94.0 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Weather Related 1" | | | | | |
|------------------------------------|-----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Weather | 14 | 16.9 | 93.3 | 93.3 |
| | Other Weather Related | 1 | 1.2 | 6.7 | 100.0 |
| | Total | 15 | 18.1 | 100.0 | |
| Missing | System | 68 | 81.9 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Weather Related 2" | | | | | |
|------------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Weather | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Time Related 1" | | | | | |
|---------------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Time | 4 | 4.8 | 50.0 | 50.0 |
| | Vacation Time/kids out of school | 3 | 3.6 | 37.5 | 87.5 |
| | Other Time Related | 1 | 1.2 | 12.5 | 100.0 |
| | Total | 8 | 9.6 | 100.0 | |
| Missing | System | 75 | 90.4 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Time Related 2" | | | |
|---------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 83 | 100.0 |

| Drill down for "Water Related 1" | | | |
|----------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 83 | 100.0 |

| Drill down for "Water Related 2" | | | |
|----------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 83 | 100.0 |

| Drill down for "Fishing Related 1" | | | | | |
|------------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing quality | 3 | 3.6 | 100.0 | 100.0 |
| Missing | System | 80 | 96.4 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Fishing Related 2" | | | |
|------------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 83 | 100.0 |

| Drill down for "General Related 1" | | | | | |
|------------------------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access (roads & trails) | 3 | 3.6 | 37.5 | 37.5 |
| | Less Crowded | 2 | 2.4 | 25.0 | 62.5 |
| | Tradition | 1 | 1.2 | 12.5 | 75.0 |
| | Hiking | 1 | 1.2 | 12.5 | 87.5 |
| | Camping | 1 | 1.2 | 12.5 | 100.0 |
| | Total | | 8 | 9.6 | 100.0 |
| Missing | System | 75 | 90.4 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "General Related 2" | | | |
|------------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 83 | 100.0 |

| Previous visit, ever Dissatisfied with Water Level? | | | | | |
|---|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 6 | 7.2 | 15.0 | 15.0 |
| | No | 34 | 41.0 | 85.0 | 100.0 |
| | Total | 40 | 48.2 | 100.0 | |
| Missing | System | 43 | 51.8 | | |
| Total | | 83 | 100.0 | | |

| Why were you dissatisfied? | | | | | |
|----------------------------|---------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Level Related | 6 | 7.2 | 100.0 | 100.0 |
| Missing | System | 77 | 92.8 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Water Level Related" | | | | | |
|--------------------------------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/No Water | 6 | 7.2 | 100.0 | 100.0 |
| Missing | System | 77 | 92.8 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Access Related" | | | |
|---------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 83 | 100.0 |

| Caused a Change in Recreation Plans? | | | | | |
|--------------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 2 | 2.4 | 33.3 | 33.3 |
| | No | 4 | 4.8 | 66.7 | 100.0 |
| | Total | 6 | 7.2 | 100.0 | |
| Missing | System | 77 | 92.8 | | |
| Total | | 83 | 100.0 | | |

| What Changes did you make? | | | | | |
|----------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activity - didn't boat | 1 | 1.2 | 50.0 | 50.0 |
| | Location Change Related | 1 | 1.2 | 50.0 | 100.0 |
| | Total | 2 | 2.4 | 100.0 | |
| Missing | System | 81 | 97.6 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Location Change" | | | | | |
|----------------------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Other Project Reservoir | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| In the Past, ever Relocated Due to Water Level? | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 1 | 1.2 | 2.5 | 2.5 |
| | No | 36 | 43.4 | 90.0 | 92.5 |
| | No Response | 3 | 3.6 | 7.5 | 100.0 |
| | Total | 40 | 48.2 | 100.0 | |
| Missing | System | 43 | 51.8 | | |
| Total | | 83 | 100.0 | | |

| What did you expect? | | | | | |
|----------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Higher/more water | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Where did you go? | | | | | |
|-------------------|---------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Outside ENF Related | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Within Project" | | | |
|---------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 83 | 100.0 |

| Drill down for "Outside ENF" | | | | | |
|------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Stumpy Meadows | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Why did you go there? | | | | | |
|-----------------------|---------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Nearest alternative | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| What time of Year was this? | | | | | |
|-----------------------------|------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Spring (Mar-May) | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

Current trip, How would you rate Overall Reservoir Appearance?

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | Unpleasing | 1 | 1.2 | 1.2 | 1.2 |
| | Neutral | 2 | 2.4 | 2.4 | 3.6 |
| | Pleasing | 18 | 21.7 | 21.7 | 25.3 |
| | Very Pleasing | 62 | 74.7 | 74.7 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| Does Water Level Negatively Affect Experience? | | | | | |
|--|----|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 83 | 100.0 | 100.0 | 100.0 |

| To what extent does Res Appearance Negatively Affect Experience? | | | | |
|--|--------|-----------|---------|--|
| | | Frequency | Percent | |
| Missing | System | 83 | 100.0 | |

| What About Res Appearance Negatively Affects Experience? | | | |
|--|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 83 | 100.0 |

| Drill down for "Water Appearance" | | | |
|-----------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 83 | 100.0 |

| Prior to arriving, did you have Water Level Expectation at this Res? | | | | | |
|--|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 25 | 30.1 | 30.1 | 30.1 |
| | No | 56 | 67.5 | 67.5 | 97.6 |
| | Don't Know | 2 | 2.4 | 2.4 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| What did you expect the water level to be? | | | | | |
|---|--------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Much Lower | 4 | 4.8 | 16.0 | 16.0 |
| | Lower | 4 | 4.8 | 16.0 | 32.0 |
| | About Where it is | 11 | 13.3 | 44.0 | 76.0 |
| | Higher | 6 | 7.2 | 24.0 | 100.0 |
| | Total | 25 | 30.1 | 100.0 | |
| Missing | System | 58 | 69.9 | | |
| Total | | 83 | 100.0 | | |

Appendix C.3.2 Loon Lake Reservoir - High Water Level

Frequency Tables

| Picture 3 ID Code | | | | | |
|-------------------|-----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake Picnic High | 83 | 100.0 | 100.0 | 100.0 |

| How Satisfied with Appearance? Picture 3 | | | | | |
|--|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Neutral | 1 | 1.2 | 1.2 | 1.2 |
| | Satisfied | 17 | 20.5 | 20.5 | 21.7 |
| | Very Satisfied | 65 | 78.3 | 78.3 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| Would Reservoirs Appearance Negatively Affect Experience? Picture 3 | | | | | |
|---|----|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No | 83 | 100.0 | 100.0 | 100.0 |

Appendix C.3.3 Loon Lake Reservoir - Intermediate Water Level

Frequency Tables

| Picture 2 ID Code | | | | | |
|-------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake Picnic Medium | 83 | 100.0 | 100.0 | 100.0 |

| How Satisfied with Appearance? Picture 2 | | | | | |
|--|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dissatisfied | 6 | 7.2 | 7.2 | 7.2 |
| | Neutral | 8 | 9.6 | 9.6 | 16.9 |
| | Satisfied | 43 | 51.8 | 51.8 | 68.7 |
| | Very Satisfied | 26 | 31.3 | 31.3 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| What would you be dissatisfied with? (1) | | | | | |
|--|------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 1 | 1.2 | 16.7 | 16.7 |
| | Water Appearance Related | 4 | 4.8 | 66.7 | 83.3 |
| | Recreation Activity Related | 1 | 1.2 | 16.7 | 100.0 |
| | Total | 6 | 7.2 | 100.0 | |
| Missing | System | 77 | 92.8 | | |
| Total | | 83 | 100.0 | | |

| What would you be dissatisfied with? (2) | | | | | |
|--|------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 2 | 2.4 | 66.7 | 66.7 |
| | Recreation Activity Related | 1 | 1.2 | 33.3 | 100.0 |
| | Total | 3 | 3.6 | 100.0 | |
| Missing | System | 80 | 96.4 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 2 (1) | | | | | |
|---|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Rocks | 1 | 1.2 | 33.3 | 33.3 |
| | Too much Area | 1 | 1.2 | 33.3 | 66.7 |
| | Other | 1 | 1.2 | 33.3 | 100.0 |
| | Total | 3 | 3.6 | 100.0 | |
| Missing | System | 80 | 96.4 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Water Appearance" Picture 2 (1) | | | | | |
|---|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 4 | 4.8 | 100.0 | 100.0 |
| Missing | System | 79 | 95.2 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Rec Activity Related" Picture 2 (1) | | | | | |
|---|-------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access - Long Walk/Distance | 1 | 1.2 | 50.0 | 50.0 |
| | Boating/Swimming (Includes tanning) | 1 | 1.2 | 50.0 | 100.0 |
| | Total | 2 | 2.4 | 100.0 | |
| Missing | System | 81 | 97.6 | | |
| Total | | 83 | 100.0 | | |

| Cause you to Change Recreation Plans? - Picture 2 | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 2 | 2.4 | 33.3 | 33.3 |
| | No | 3 | 3.6 | 50.0 | 83.3 |
| | No Response | 1 | 1.2 | 16.7 | 100.0 |
| | Total | 6 | 7.2 | 100.0 | |
| Missing | System | 77 | 92.8 | | |
| Total | | 83 | 100.0 | | |

| What changes would you make? (1) | | | | | |
|----------------------------------|---------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would go where there is water related | 1 | 1.2 | 50.0 | 50.0 |
| | Would go/stay home | 1 | 1.2 | 50.0 | 100.0 |
| | Total | 2 | 2.4 | 100.0 | |
| Missing | System | 81 | 97.6 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Would Go Where There is Water" Picture 2 (1) | | | | | |
|--|-------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would go where there is water | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Would Reservoirs Appearance Negatively Affect Experience? Picture 2 | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 4 | 4.8 | 4.8 | 4.8 |
| | No | 76 | 91.6 | 91.6 | 96.4 |
| | Don't Know | 2 | 2.4 | 2.4 | 98.8 |
| | No Response | 1 | 1.2 | 1.2 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| To What Extent Appearance Would Affect Experience? Picture 2 | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 2 | 2.4 | 50.0 | 50.0 |
| | Moderately | 1 | 1.2 | 25.0 | 75.0 |
| | Significantly | 1 | 1.2 | 25.0 | 100.0 |
| | Total | 4 | 4.8 | 100.0 | |
| Missing | System | 79 | 95.2 | | |
| Total | | 83 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (1) | | | | | |
|---|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 1 | 1.2 | 25.0 | 25.0 |
| | Water-Appearance/Look Related | 1 | 1.2 | 25.0 | 50.0 |
| | Shore & Water-Appearance/Look - unattractive | 2 | 2.4 | 50.0 | 100.0 |
| | Total | 4 | 4.8 | 100.0 | |
| Missing | System | 79 | 95.2 | | |
| Total | | 83 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (2) | | | | | |
|---|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shore & Water-Appearance/Look - unattractive | 1 | 1.2 | 50.0 | 50.0 |
| | Recreation Activity Related | 1 | 1.2 | 50.0 | 100.0 |
| | Total | 2 | 2.4 | 100.0 | |
| Missing | System | 81 | 97.6 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 2 (1) | | | | | |
|--|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ugly,dirty | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 2 (1) | | | | | |
|--|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/no water | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 2 (1) | | | | | |
|--|----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Swimming | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

Appendix C.3.4 Loon Lake Reservoir - Low Water Level

Frequency Tables

| Picture 1 ID Code | | | | | |
|-------------------|----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake Picnic Low | 83 | 100.0 | 100.0 | 100.0 |

| How Satisfied with Appearance? Picture 1 | | | | | |
|--|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Very Dissatisfied | 11 | 13.3 | 13.3 | 13.3 |
| | Dissatisfied | 30 | 36.1 | 36.1 | 49.4 |
| | Neutral | 17 | 20.5 | 20.5 | 69.9 |
| | Satisfied | 21 | 25.3 | 25.3 | 95.2 |
| | Very Satisfied | 4 | 4.8 | 4.8 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| What would you be dissatisfied with? (1) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 16 | 19.3 | 39.0 | 39.0 |
| | Water Appearance Related | 14 | 16.9 | 34.1 | 73.2 |
| | Recreation Activity Related | 8 | 9.6 | 19.5 | 92.7 |
| | General - Unattractive/unappealing visually | 1 | 1.2 | 2.4 | 95.1 |
| | No Response | 2 | 2.4 | 4.9 | 100.0 |
| | Total | 41 | 49.4 | 100.0 | |
| Missing | System | 42 | 50.6 | | |
| Total | | 83 | 100.0 | | |

| What would you be dissatisfied with? (2) | | | | | |
|--|-----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 3 | 3.6 | 33.3 | 33.3 |
| | Water Appearance Related | 1 | 1.2 | 11.1 | 44.4 |
| | Recreation Activity Related | 4 | 4.8 | 44.4 | 88.9 |
| | Environmental - low water related | 1 | 1.2 | 11.1 | 100.0 |
| | Total | 9 | 10.8 | 100.0 | |
| Missing | System | 74 | 89.2 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 1 (1) | | | | | |
|---|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, Barren | 1 | 1.2 | 6.3 | 6.3 |
| | Ugly, Dirty | 2 | 2.4 | 12.5 | 18.8 |
| | Rocks | 9 | 10.8 | 56.3 | 75.0 |
| | Too much Area | 4 | 4.8 | 25.0 | 100.0 |
| | Total | 16 | 19.3 | 100.0 | |
| Missing | System | 67 | 80.7 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 1 (2) | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ugly, Dirty | 1 | 1.2 | 33.3 | 33.3 |
| | Rocks | 1 | 1.2 | 33.3 | 66.7 |
| | Other | 1 | 1.2 | 33.3 | 100.0 |
| | Total | 3 | 3.6 | 100.0 | |
| Missing | System | 80 | 96.4 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Water Appearance" Picture 1 (1) | | | | | |
|---|---------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 10 | 12.0 | 66.7 | 66.7 |
| | No Water | 2 | 2.4 | 13.3 | 80.0 |
| | Puddle-like, Muddy, Murky | 1 | 1.2 | 6.7 | 86.7 |
| | Boulders/Rocks, Stumps in Water | 1 | 1.2 | 6.7 | 93.3 |
| | Other | 1 | 1.2 | 6.7 | 100.0 |
| | Total | 15 | 18.1 | 100.0 | |
| Missing | System | 68 | 81.9 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Rec Activity Related" Picture 1 (1) | | | | | |
|---|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access - Long Walk/Distance | 6 | 7.2 | 54.5 | 54.5 |
| | Boating - Launching | 2 | 2.4 | 18.2 | 72.7 |
| | Boating/Swimming (Includes tanning) | 1 | 1.2 | 9.1 | 81.8 |
| | Fishing | 1 | 1.2 | 9.1 | 90.9 |
| | General Interference with Recreational Activities | 1 | 1.2 | 9.1 | 100.0 |
| | Total | 11 | 13.3 | 100.0 | |
| Missing | System | 72 | 86.7 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Rec Activity Related" Picture 1 (2) | | | | | |
|---|-----------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Swimming (Includes tanning) | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Cause you to Change Recreation Plans? - Picture 1 | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 15 | 18.1 | 36.6 | 36.6 |
| | No | 13 | 15.7 | 31.7 | 68.3 |
| | Don't Know | 7 | 8.4 | 17.1 | 85.4 |
| | No Response | 6 | 7.2 | 14.6 | 100.0 |
| | Total | 41 | 49.4 | 100.0 | |
| Missing | System | 42 | 50.6 | | |
| Total | | 83 | 100.0 | | |

| What changes would you make? (1) | | | | | |
|----------------------------------|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activities Related | 2 | 2.4 | 10.5 | 10.5 |
| | Would Move to Another Project Res Related | 1 | 1.2 | 5.3 | 15.8 |
| | Would go where there is water related | 4 | 4.8 | 21.1 | 36.8 |
| | Would go/stay home | 9 | 10.8 | 47.4 | 84.2 |
| | No Response | 3 | 3.6 | 15.8 | 100.0 |
| | Total | 19 | 22.9 | 100.0 | |
| Missing | System | 64 | 77.1 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Changes in Activities" Picture 1 (1) | | | | | |
|--|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No Boating | 1 | 1.2 | 50.0 | 50.0 |
| | No Swimming | 1 | 1.2 | 50.0 | 100.0 |
| | Total | 2 | 2.4 | 100.0 | |
| Missing | System | 81 | 97.6 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Would Move to Another Project Res" Picture 1 (1) | | | | | |
|--|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ice House | 1 | 1.2 | 100.0 | 100.0 |
| Missing | System | 82 | 98.8 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Would Go Where There is Water" Picture 1 (1) | | | | | |
|--|------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would go where there is MORE water | 1 | 1.2 | 25.0 | 25.0 |
| | Would go where there is water | 3 | 3.6 | 75.0 | 100.0 |
| | Total | 4 | 4.8 | 100.0 | |
| Missing | System | 79 | 95.2 | | |
| Total | | 83 | 100.0 | | |

| Would Reservoirs Appearance Negatively Affect Experience? Picture 1 | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 22 | 26.5 | 26.5 | 26.5 |
| | No | 57 | 68.7 | 68.7 | 95.2 |
| | Don't Know | 3 | 3.6 | 3.6 | 98.8 |
| | No Response | 1 | 1.2 | 1.2 | 100.0 |
| | Total | 83 | 100.0 | 100.0 | |

| To What Extent Appearance Would Affect Experience? Picture 1 | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 5 | 6.0 | 21.7 | 21.7 |
| | Moderately | 10 | 12.0 | 43.5 | 65.2 |
| | Significantly | 7 | 8.4 | 30.4 | 95.7 |
| | No Response | 1 | 1.2 | 4.3 | 100.0 |
| | Total | 23 | 27.7 | 100.0 | |
| Missing | System | 60 | 72.3 | | |
| Total | | 83 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (1) | | | | | |
|---|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 13 | 15.7 | 59.1 | 59.1 |
| | Water-Appearance/Look Related | 2 | 2.4 | 9.1 | 68.2 |
| | Shore & Water-Appearance/Look - unattractive | 4 | 4.8 | 18.2 | 86.4 |
| | Recreation Activity Related | 2 | 2.4 | 9.1 | 95.5 |
| | No Response | 1 | 1.2 | 4.5 | 100.0 |
| | Total | 22 | 26.5 | 100.0 | |
| Missing | System | 61 | 73.5 | | |
| Total | | 83 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (2) | | | | | |
|---|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 10 | 12.0 | 83.3 | 83.3 |
| | Water-Appearance/Look Related | 1 | 1.2 | 8.3 | 91.7 |
| | Shore & Water-Appearance/Look - unattractive | 1 | 1.2 | 8.3 | 100.0 |
| | Total | 12 | 14.5 | 100.0 | |
| Missing | System | 71 | 85.5 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 1 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, barren, brown, mossy | 1 | 1.2 | 6.3 | 6.3 |
| | Ugly,dirty | 7 | 8.4 | 43.8 | 50.0 |
| | Rocks | 4 | 4.8 | 25.0 | 75.0 |
| | Too much area | 4 | 4.8 | 25.0 | 100.0 |
| | Total | 16 | 19.3 | 100.0 | |
| Missing | System | 67 | 80.7 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 1 (2) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, barren, brown, mossy | 1 | 1.2 | 14.3 | 14.3 |
| | Ugly,dirty | 3 | 3.6 | 42.9 | 57.1 |
| | Rocks | 2 | 2.4 | 28.6 | 85.7 |
| | Safety related | 1 | 1.2 | 14.3 | 100.0 |
| | Total | 7 | 8.4 | 100.0 | |
| Missing | System | 76 | 91.6 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 1 (1) | | | | | |
|--|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/no water | 3 | 3.6 | 100.0 | 100.0 |
| Missing | System | 80 | 96.4 | | |
| Total | | 83 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 1 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access-Long Walk/Distance | 2 | 2.4 | 100.0 | 100.0 |
| Missing | System | 81 | 97.6 | | |
| Total | | 83 | 100.0 | | |

Appendix C.4.1 Union Valley Reservoir - questions 1 through 13

Frequency Tables

| Reservoir | | | | | |
|-----------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Union Valley | 108 | 100.0 | 100.0 | 100.0 |

| Zip Code (Recode) | | | | | |
|-------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | El Dorado County | 24 | 22.2 | 22.2 | 22.2 |
| | Sacramento County | 32 | 29.6 | 29.6 | 51.9 |
| | Placer County | 8 | 7.4 | 7.4 | 59.3 |
| | Bay Area | 13 | 12.0 | 12.0 | 71.3 |
| | Northern CA | 1 | .9 | .9 | 72.2 |
| | Coast | 5 | 4.6 | 4.6 | 76.9 |
| | Central Valley | 14 | 13.0 | 13.0 | 89.8 |
| | Southern CA | 3 | 2.8 | 2.8 | 92.6 |
| | Out of State | 3 | 2.8 | 2.8 | 95.4 |
| | No Response | 5 | 4.6 | 4.6 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| Day or Overnight Trip | | | | | |
|-----------------------|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Daytrip | 13 | 12.0 | 12.0 | 12.0 |
| | Overnight | 94 | 87.0 | 87.0 | 99.1 |
| | No Response | 1 | .9 | .9 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| Visited Before | | | | | |
|----------------|-------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 63 | 58.3 | 58.3 | 58.3 |
| | No | 45 | 41.7 | 41.7 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| # Years Visiting Reservoir | | | | | |
|----------------------------|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 2 | 1.9 | 3.2 | 3.2 |
| | 2 | 5 | 4.6 | 7.9 | 11.1 |
| | 3 | 3 | 2.8 | 4.8 | 15.9 |
| | 4 | 4 | 3.7 | 6.3 | 22.2 |
| | 5 | 3 | 2.8 | 4.8 | 27.0 |
| | 6 | 4 | 3.7 | 6.3 | 33.3 |
| | 7 | 1 | .9 | 1.6 | 34.9 |
| | 8 | 2 | 1.9 | 3.2 | 38.1 |
| | 9 | 2 | 1.9 | 3.2 | 41.3 |
| | 10 | 9 | 8.3 | 14.3 | 55.6 |
| | 11-15 | 9 | 8.3 | 14.3 | 69.8 |
| | 16-20 | 5 | 4.6 | 7.9 | 77.8 |
| | 21-30 | 8 | 7.4 | 12.7 | 90.5 |
| | 31-40 | 3 | 2.8 | 4.8 | 95.2 |
| | 41-50 | 1 | .9 | 1.6 | 96.8 |
| | 51 or more | 1 | .9 | 1.6 | 98.4 |
| | 20 | 1 | .9 | 1.6 | 100.0 |
| Total | | 63 | 58.3 | 100.0 | |
| Missing | System | 45 | 41.7 | | |
| Total | | 108 | 100.0 | | |

| # Visits per Year | | | | | |
|--------------------------|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 21 | 19.4 | 33.3 | 33.3 |
| | 2 | 14 | 13.0 | 22.2 | 55.6 |
| | 3 | 10 | 9.3 | 15.9 | 71.4 |
| | 4 | 8 | 7.4 | 12.7 | 84.1 |
| | 6 | 3 | 2.8 | 4.8 | 88.9 |
| | 7 | 1 | .9 | 1.6 | 90.5 |
| | 10 | 1 | .9 | 1.6 | 92.1 |
| | 11-15 | 2 | 1.9 | 3.2 | 95.2 |
| | 16 or more | 3 | 2.8 | 4.8 | 100.0 |
| | Total | | 63 | 58.3 | 100.0 |
| Missing | System | 45 | 41.7 | | |
| Total | | 108 | 100.0 | | |

| Is there a Time of Year that you prefer to Visit? | | | | | |
|--|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 42 | 38.9 | 66.7 | 66.7 |
| | No | 21 | 19.4 | 33.3 | 100.0 |
| | Total | 63 | 58.3 | 100.0 | |
| Missing | System | 45 | 41.7 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - January | | | | | |
|---|----------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | January | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - April | | | | | |
|---------------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | April | 2 | 1.9 | 100.0 | 100.0 |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - May | | | | | |
|-------------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | May | 7 | 6.5 | 100.0 | 100.0 |
| Missing | System | 101 | 93.5 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - June | | | | | |
|--------------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | June | 25 | 23.1 | 100.0 | 100.0 |
| Missing | System | 83 | 76.9 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - July | | | | | |
|--------------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | July | 34 | 31.5 | 100.0 | 100.0 |
| Missing | System | 74 | 68.5 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - August | | | | | |
|--|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | August | 28 | 25.9 | 100.0 | 100.0 |
| Missing | System | 80 | 74.1 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - September | | | | | |
|---|------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | September | 11 | 10.2 | 100.0 | 100.0 |
| Missing | System | 97 | 89.8 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - October | | | | | |
|----------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | October | 2 | 1.9 | 100.0 | 100.0 |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - November | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | November | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Why do you Prefer these months? 1 | | | | | |
|-----------------------------------|------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 20 | 18.5 | 47.6 | 47.6 |
| | Time Related | 6 | 5.6 | 14.3 | 61.9 |
| | Water Related | 7 | 6.5 | 16.7 | 78.6 |
| | Fishing Related | 2 | 1.9 | 4.8 | 83.3 |
| | General Related | 7 | 6.5 | 16.7 | 100.0 |
| | Total | 42 | 38.9 | 100.0 | |
| Missing | System | 66 | 61.1 | | |
| Total | | 108 | 100.0 | | |

| Why do you Prefer these months? 2 | | | | | |
|-----------------------------------|------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 3 | 2.8 | 42.9 | 42.9 |
| | Time Related | 1 | .9 | 14.3 | 57.1 |
| | Water Related | 2 | 1.9 | 28.6 | 85.7 |
| | For the Boating | 1 | .9 | 14.3 | 100.0 |
| | Total | 7 | 6.5 | 100.0 | |
| Missing | System | 101 | 93.5 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Weather Related 1" | | | | | |
|------------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Weather | 22 | 20.4 | 95.7 | 95.7 |
| | Cooler Weather | 1 | .9 | 4.3 | 100.0 |
| | Total | 23 | 21.3 | 100.0 | |
| Missing | System | 85 | 78.7 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Time Related 1" | | | | | |
|---------------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Time | 4 | 3.7 | 57.1 | 57.1 |
| | Vacation Time/kids out of school | 3 | 2.8 | 42.9 | 100.0 |
| | Total | 7 | 6.5 | 100.0 | |
| Missing | System | 101 | 93.5 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water Related 1" | | | | | |
|----------------------------------|--------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water high/more | 6 | 5.6 | 66.7 | 66.7 |
| | Water activities | 1 | .9 | 11.1 | 77.8 |
| | Warmer water temp. | 1 | .9 | 11.1 | 88.9 |
| | Lower Water Level | 1 | .9 | 11.1 | 100.0 |
| | Total | 9 | 8.3 | 100.0 | |
| Missing | System | 99 | 91.7 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Fishing Related 1" | | | | | |
|------------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing quality | 1 | .9 | 50.0 | 50.0 |
| | Fish species | 1 | .9 | 50.0 | 100.0 |
| | Total | 2 | 1.9 | 100.0 | |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "General Related 1" | | | | | |
|------------------------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access (roads & trails) | 1 | .9 | 14.3 | 14.3 |
| | Less Crowded | 4 | 3.7 | 57.1 | 71.4 |
| | Organized Event | 1 | .9 | 14.3 | 85.7 |
| | Camping | 1 | .9 | 14.3 | 100.0 |
| | Total | 7 | 6.5 | 100.0 | |
| Missing | System | 101 | 93.5 | | |
| Total | | 108 | 100.0 | | |

| Previous visit, ever Dissatisfied with Water Level? | | | | | |
|---|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 24 | 22.2 | 38.1 | 38.1 |
| | No | 36 | 33.3 | 57.1 | 95.2 |
| | Don't Know | 3 | 2.8 | 4.8 | 100.0 |
| | Total | 63 | 58.3 | 100.0 | |
| Missing | System | 45 | 41.7 | | |
| Total | | 108 | 100.0 | | |

| Why were you dissatisfied? | | | | | |
|----------------------------|---------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Level Related | 22 | 20.4 | 91.7 | 91.7 |
| | Access Related | 2 | 1.9 | 8.3 | 100.0 |
| | Total | 24 | 22.2 | 100.0 | |
| Missing | System | 84 | 77.8 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water Level Related" | | | | | |
|--------------------------------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/No Water | 22 | 20.4 | 100.0 | 100.0 |
| Missing | System | 86 | 79.6 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Access Related" | | | | | |
|---------------------------------|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Long Walk | 2 | 1.9 | 100.0 | 100.0 |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Caused a Change in Recreation Plans? | | | | | |
|--------------------------------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 10 | 9.3 | 41.7 | 41.7 |
| | No | 14 | 13.0 | 58.3 | 100.0 |
| | Total | 24 | 22.2 | 100.0 | |
| Missing | System | 84 | 77.8 | | |
| Total | | 108 | 100.0 | | |

| What Changes did you make? | | | | | |
|----------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activity - didn't boat | 1 | .9 | 10.0 | 10.0 |
| | Location Change Related | 9 | 8.3 | 90.0 | 100.0 |
| | Total | 10 | 9.3 | 100.0 | |
| Missing | System | 98 | 90.7 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Location Change" | | | | | |
|----------------------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Go Home | 5 | 4.6 | 50.0 | 50.0 |
| | Other Project Reservoir | 3 | 2.8 | 30.0 | 80.0 |
| | Outside of Project | 2 | 1.9 | 20.0 | 100.0 |
| | Total | 10 | 9.3 | 100.0 | |
| Missing | System | 98 | 90.7 | | |
| Total | | 108 | 100.0 | | |

| In the Past, ever Relocated Due to Water Level? | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 6 | 5.6 | 9.4 | 9.4 |
| | No | 56 | 51.9 | 87.5 | 96.9 |
| | No Response | 2 | 1.9 | 3.1 | 100.0 |
| | Total | 64 | 59.3 | 100.0 | |
| Missing | System | 44 | 40.7 | | |
| Total | | 108 | 100.0 | | |

| What did you expect? | | | | | |
|----------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Higher/more water | 6 | 5.6 | 100.0 | 100.0 |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| Where did you go? | | | | | |
|-------------------|----------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Within the Project Related | 5 | 4.6 | 83.3 | 83.3 |
| | Outside ENF Related | 1 | .9 | 16.7 | 100.0 |
| | Total | 6 | 5.6 | 100.0 | |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Within Project" | | | | | |
|---------------------------------|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake | 1 | .9 | 20.0 | 20.0 |
| | Gerle Creek | 1 | .9 | 20.0 | 40.0 |
| | Ice House | 3 | 2.8 | 60.0 | 100.0 |
| | Total | 5 | 4.6 | 100.0 | |
| Missing | System | 103 | 95.4 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Outside ENF" | | | | | |
|------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tahoe | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Why did you go there? | | | | | |
|-----------------------|------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | For higher water | 6 | 5.6 | 100.0 | 100.0 |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| What time of Year was this? | | | | | |
|-----------------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer (June-Aug) | 4 | 3.7 | 66.7 | 66.7 |
| | Fall (Sept-Nov) | 1 | .9 | 16.7 | 83.3 |
| | Spring (Mar-May) | 1 | .9 | 16.7 | 100.0 |
| | Total | 6 | 5.6 | 100.0 | |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| Current trip, How would you rate Overall Reservoir Appearance? | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Unpleasing | 1 | .9 | .9 | .9 |
| | Neutral | 7 | 6.5 | 6.5 | 7.4 |
| | Pleasing | 48 | 44.4 | 44.4 | 51.9 |
| | Very Pleasing | 52 | 48.1 | 48.1 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| Does Water Level Negatively Affect Experience? | | | | | |
|--|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 6 | 5.6 | 5.6 | 5.6 |
| | No | 94 | 87.0 | 87.0 | 92.6 |
| | Don't Know | 6 | 5.6 | 5.6 | 98.1 |
| | No Response | 2 | 1.9 | 1.9 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| To what extent does Res Appearance Negatively Affect Experience? | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 1 | .9 | 16.7 | 16.7 |
| | Moderately | 4 | 3.7 | 66.7 | 83.3 |
| | Significantly | 1 | .9 | 16.7 | 100.0 |
| | Total | 6 | 5.6 | 100.0 | |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| What About Res Appearance Negatively Affects Experience? | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Appearance Related | 4 | 3.7 | 66.7 | 66.7 |
| | Shoreline Appearance - too much shoreline | 1 | .9 | 16.7 | 83.3 |
| | No Response | 1 | .9 | 16.7 | 100.0 |
| | Total | 6 | 5.6 | 100.0 | |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water Appearance" | | | | | |
|-----------------------------------|-----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Too Low | 3 | 2.8 | 75.0 | 75.0 |
| | Deceiving Water Level | 1 | .9 | 25.0 | 100.0 |
| | Total | 4 | 3.7 | 100.0 | |
| Missing | System | 104 | 96.3 | | |
| Total | | 108 | 100.0 | | |

| Prior to arriving, did you have Water Level Expectation at this Res? | | | | | |
|---|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 50 | 46.3 | 46.3 | 46.3 |
| | No | 52 | 48.1 | 48.1 | 94.4 |
| | Don't Know | 6 | 5.6 | 5.6 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| What did you expect the water level to be? | | | | | |
|---|--------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Much Lower | 2 | 1.9 | 4.0 | 4.0 |
| | Lower | 10 | 9.3 | 20.0 | 24.0 |
| | About Where it is | 19 | 17.6 | 38.0 | 62.0 |
| | Higher | 17 | 15.7 | 34.0 | 96.0 |
| | Much Higher | 2 | 1.9 | 4.0 | 100.0 |
| | Total | 50 | 46.3 | 100.0 | |
| Missing | System | 58 | 53.7 | | |
| Total | | 108 | 100.0 | | |

Union Valley Reservoir Questions 1-13

| Reservoir | | | | | |
|-----------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Union Valley | 108 | 100.0 | 100.0 | 100.0 |

| Zip Code (Recode) | | | | | |
|-------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | El Dorado County | 24 | 22.2 | 22.2 | 22.2 |
| | Sacramento County | 32 | 29.6 | 29.6 | 51.9 |
| | Placer County | 8 | 7.4 | 7.4 | 59.3 |
| | Bay Area | 13 | 12.0 | 12.0 | 71.3 |
| | Northern CA | 1 | .9 | .9 | 72.2 |
| | Coast | 5 | 4.6 | 4.6 | 76.9 |
| | Central Valley | 14 | 13.0 | 13.0 | 89.8 |
| | Southern CA | 3 | 2.8 | 2.8 | 92.6 |
| | Out of State | 3 | 2.8 | 2.8 | 95.4 |
| | No Response | 5 | 4.6 | 4.6 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| Day or Overnight Trip | | | | | |
|-----------------------|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Daytrip | 13 | 12.0 | 12.0 | 12.0 |
| | Overnight | 94 | 87.0 | 87.0 | 99.1 |
| | No Response | 1 | .9 | .9 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| Visited Before | | | | | |
|----------------|-------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 63 | 58.3 | 58.3 | 58.3 |
| | No | 45 | 41.7 | 41.7 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| # Years Visiting Reservoir | | | | | |
|-----------------------------------|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 2 | 1.9 | 3.2 | 3.2 |
| | 2 | 5 | 4.6 | 7.9 | 11.1 |
| | 3 | 3 | 2.8 | 4.8 | 15.9 |
| | 4 | 4 | 3.7 | 6.3 | 22.2 |
| | 5 | 3 | 2.8 | 4.8 | 27.0 |
| | 6 | 4 | 3.7 | 6.3 | 33.3 |
| | 7 | 1 | .9 | 1.6 | 34.9 |
| | 8 | 2 | 1.9 | 3.2 | 38.1 |
| | 9 | 2 | 1.9 | 3.2 | 41.3 |
| | 10 | 9 | 8.3 | 14.3 | 55.6 |
| | 11-15 | 9 | 8.3 | 14.3 | 69.8 |
| | 16-20 | 5 | 4.6 | 7.9 | 77.8 |
| | 21-30 | 8 | 7.4 | 12.7 | 90.5 |
| | 31-40 | 3 | 2.8 | 4.8 | 95.2 |
| | 41-50 | 1 | .9 | 1.6 | 96.8 |
| | 51 or more | 1 | .9 | 1.6 | 98.4 |
| | 20 | 1 | .9 | 1.6 | 100.0 |
| Total | | 63 | 58.3 | 100.0 | |
| Missing | System | 45 | 41.7 | | |
| Total | | 108 | 100.0 | | |

| # Visits per Year | | | | | |
|--------------------------|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 21 | 19.4 | 33.3 | 33.3 |
| | 2 | 14 | 13.0 | 22.2 | 55.6 |
| | 3 | 10 | 9.3 | 15.9 | 71.4 |
| | 4 | 8 | 7.4 | 12.7 | 84.1 |
| | 6 | 3 | 2.8 | 4.8 | 88.9 |
| | 7 | 1 | .9 | 1.6 | 90.5 |
| | 10 | 1 | .9 | 1.6 | 92.1 |
| | 11-15 | 2 | 1.9 | 3.2 | 95.2 |
| | 16 or more | 3 | 2.8 | 4.8 | 100.0 |
| | Total | | 63 | 58.3 | 100.0 |
| Missing | System | 45 | 41.7 | | |
| Total | | 108 | 100.0 | | |

| Is there a Time of Year that you prefer to Visit? | | | | | |
|---|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 42 | 38.9 | 66.7 | 66.7 |
| | No | 21 | 19.4 | 33.3 | 100.0 |
| | Total | 63 | 58.3 | 100.0 | |
| Missing | System | 45 | 41.7 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - January | | | | | |
|----------------------------------|---------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | January | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - February | | | |
|-----------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 108 | 100.0 |

| Months Prefer to Visit - March | | | |
|--------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 108 | 100.0 |

| Months Prefer to Visit - April | | | | | |
|--------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | April | 2 | 1.9 | 100.0 | 100.0 |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - May | | | | | |
|------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | May | 7 | 6.5 | 100.0 | 100.0 |
| Missing | System | 101 | 93.5 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - June | | | | | |
|-------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | June | 25 | 23.1 | 100.0 | 100.0 |
| Missing | System | 83 | 76.9 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - July | | | | | |
|-------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | July | 34 | 31.5 | 100.0 | 100.0 |
| Missing | System | 74 | 68.5 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - August | | | | | |
|---------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | August | 28 | 25.9 | 100.0 | 100.0 |
| Missing | System | 80 | 74.1 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - September | | | | | |
|------------------------------------|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | September | 11 | 10.2 | 100.0 | 100.0 |
| Missing | System | 97 | 89.8 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - October | | | | | |
|----------------------------------|---------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | October | 2 | 1.9 | 100.0 | 100.0 |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - November | | | | | |
|-----------------------------------|----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | November | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Months Prefer to Visit - December | | | |
|-----------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 108 | 100.0 |

| Why do you Prefer these months? 1 | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 20 | 18.5 | 47.6 | 47.6 |
| | Time Related | 6 | 5.6 | 14.3 | 61.9 |
| | Water Related | 7 | 6.5 | 16.7 | 78.6 |
| | Fishing Related | 2 | 1.9 | 4.8 | 83.3 |
| | General Related | 7 | 6.5 | 16.7 | 100.0 |
| | Total | 42 | 38.9 | 100.0 | |
| Missing | System | 66 | 61.1 | | |
| Total | | 108 | 100.0 | | |

| Why do you Prefer these months? 2 | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 3 | 2.8 | 42.9 | 42.9 |
| | Time Related | 1 | .9 | 14.3 | 57.1 |
| | Water Related | 2 | 1.9 | 28.6 | 85.7 |
| | For the Boating | 1 | .9 | 14.3 | 100.0 |
| | Total | 7 | 6.5 | 100.0 | |
| Missing | System | 101 | 93.5 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Weather Related 1" | | | | | |
|------------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Weather | 22 | 20.4 | 95.7 | 95.7 |
| | Cooler Weather | 1 | .9 | 4.3 | 100.0 |
| | Total | 23 | 21.3 | 100.0 | |
| Missing | System | 85 | 78.7 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Weather Related 2" | | | |
|------------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 108 | 100.0 |

| Drill down for "Time Related 1" | | | | | |
|---------------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Time | 4 | 3.7 | 57.1 | 57.1 |
| | Vacation Time/kids out of school | 3 | 2.8 | 42.9 | 100.0 |
| | Total | 7 | 6.5 | 100.0 | |
| Missing | System | 101 | 93.5 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Time Related 2" | | | |
|---------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 108 | 100.0 |

| Drill down for "Water Related 1" | | | | | |
|----------------------------------|--------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water high/more | 6 | 5.6 | 66.7 | 66.7 |
| | Water activities | 1 | .9 | 11.1 | 77.8 |
| | Warmer water temp. | 1 | .9 | 11.1 | 88.9 |
| | Lower Water Level | 1 | .9 | 11.1 | 100.0 |
| | Total | 9 | 8.3 | 100.0 | |
| Missing | System | 99 | 91.7 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water Related 2" | | | |
|----------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 108 | 100.0 |

| Drill down for "Fishing Related 1" | | | | | |
|------------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing quality | 1 | .9 | 50.0 | 50.0 |
| | Fish species | 1 | .9 | 50.0 | 100.0 |
| | Total | 2 | 1.9 | 100.0 | |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Fishing Related 2" | | | |
|------------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 108 | 100.0 |

| Drill down for "General Related 1" | | | | | |
|------------------------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access (roads & trails) | 1 | .9 | 14.3 | 14.3 |
| | Less Crowded | 4 | 3.7 | 57.1 | 71.4 |
| | Organized Event | 1 | .9 | 14.3 | 85.7 |
| | Camping | 1 | .9 | 14.3 | 100.0 |
| | Total | 7 | 6.5 | 100.0 | |
| Missing | System | 101 | 93.5 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "General Related 2" | | | |
|------------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 108 | 100.0 |

| Previous visit, ever Dissatisfied with Water Level? | | | | | |
|---|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 24 | 22.2 | 38.1 | 38.1 |
| | No | 36 | 33.3 | 57.1 | 95.2 |
| | Don't Know | 3 | 2.8 | 4.8 | 100.0 |
| | Total | 63 | 58.3 | 100.0 | |
| Missing | System | 45 | 41.7 | | |
| Total | | 108 | 100.0 | | |

| Why were you dissatisfied? | | | | | |
|----------------------------|---------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Level Related | 22 | 20.4 | 91.7 | 91.7 |
| | Access Related | 2 | 1.9 | 8.3 | 100.0 |
| | Total | 24 | 22.2 | 100.0 | |
| Missing | System | 84 | 77.8 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water Level Related" | | | | | |
|--------------------------------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/No Water | 22 | 20.4 | 100.0 | 100.0 |
| Missing | System | 86 | 79.6 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Access Related" | | | | | |
|---------------------------------|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Long Walk | 2 | 1.9 | 100.0 | 100.0 |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Caused a Change in Recreation Plans? | | | | | |
|--------------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 10 | 9.3 | 41.7 | 41.7 |
| | No | 14 | 13.0 | 58.3 | 100.0 |
| | Total | 24 | 22.2 | 100.0 | |
| Missing | System | 84 | 77.8 | | |
| Total | | 108 | 100.0 | | |

| What Changes did you make? | | | | | |
|----------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activity - didn't boat | 1 | .9 | 10.0 | 10.0 |
| | Location Change Related | 9 | 8.3 | 90.0 | 100.0 |
| | Total | 10 | 9.3 | 100.0 | |
| Missing | System | 98 | 90.7 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Location Change" | | | | | |
|----------------------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Go Home | 5 | 4.6 | 50.0 | 50.0 |
| | Other Project Reservoir | 3 | 2.8 | 30.0 | 80.0 |
| | Outside of Project | 2 | 1.9 | 20.0 | 100.0 |
| | Total | 10 | 9.3 | 100.0 | |
| Missing | System | 98 | 90.7 | | |
| Total | | 108 | 100.0 | | |

| In the Past, ever Relocated Due to Water Level? | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 6 | 5.6 | 9.4 | 9.4 |
| | No | 56 | 51.9 | 87.5 | 96.9 |
| | No Response | 2 | 1.9 | 3.1 | 100.0 |
| | Total | 64 | 59.3 | 100.0 | |
| Missing | System | 44 | 40.7 | | |
| Total | | 108 | 100.0 | | |

| What did you expect? | | | | | |
|----------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Higher/more water | 6 | 5.6 | 100.0 | 100.0 |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| Where did you go? | | | | | |
|-------------------|----------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Within the Project Related | 5 | 4.6 | 83.3 | 83.3 |
| | Outside ENF Related | 1 | .9 | 16.7 | 100.0 |
| | Total | 6 | 5.6 | 100.0 | |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Within Project" | | | | | |
|---------------------------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake | 1 | .9 | 20.0 | 20.0 |
| | Gerle Creek | 1 | .9 | 20.0 | 40.0 |
| | Ice House | 3 | 2.8 | 60.0 | 100.0 |
| | Total | 5 | 4.6 | 100.0 | |
| Missing | System | 103 | 95.4 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Outside ENF" | | | | | |
|------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tahoe | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Why did you go there? | | | | | |
|-----------------------|------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | For higher water | 6 | 5.6 | 100.0 | 100.0 |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| What time of Year was this? | | | | | |
|------------------------------------|--------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer (June-Aug) | 4 | 3.7 | 66.7 | 66.7 |
| | Fall (Sept-Nov) | 1 | .9 | 16.7 | 83.3 |
| | Spring (Mar-May) | 1 | .9 | 16.7 | 100.0 |
| | Total | 6 | 5.6 | 100.0 | |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| Current trip, How would you rate Overall Reservoir Appearance? | | | | | |
|---|----------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Unpleasing | 1 | .9 | .9 | .9 |
| | Neutral | 7 | 6.5 | 6.5 | 7.4 |
| | Pleasing | 48 | 44.4 | 44.4 | 51.9 |
| | Very Pleasing | 52 | 48.1 | 48.1 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| Does Water Level Negatively Affect Experience? | | | | | |
|---|--------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 6 | 5.6 | 5.6 | 5.6 |
| | No | 94 | 87.0 | 87.0 | 92.6 |
| | Don't Know | 6 | 5.6 | 5.6 | 98.1 |
| | No Response | 2 | 1.9 | 1.9 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| To what extent does Res Appearance Negatively Affect Experience? | | | | | |
|---|----------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 1 | .9 | 16.7 | 16.7 |
| | Moderately | 4 | 3.7 | 66.7 | 83.3 |
| | Significantly | 1 | .9 | 16.7 | 100.0 |
| | Total | 6 | 5.6 | 100.0 | |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| What About Res Appearance Negatively Affects Experience? | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Appearance Related | 4 | 3.7 | 66.7 | 66.7 |
| | Shoreline Appearance - too much shoreline | 1 | .9 | 16.7 | 83.3 |
| | No Response | 1 | .9 | 16.7 | 100.0 |
| | Total | 6 | 5.6 | 100.0 | |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water Appearance" | | | | | |
|-----------------------------------|-----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Too Low | 3 | 2.8 | 75.0 | 75.0 |
| | Deceiving Water Level | 1 | .9 | 25.0 | 100.0 |
| | Total | 4 | 3.7 | 100.0 | |
| Missing | System | 104 | 96.3 | | |
| Total | | 108 | 100.0 | | |

| Prior to arriving, did you have Water Level Expectation at this Res? | | | | | |
|--|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 50 | 46.3 | 46.3 | 46.3 |
| | No | 52 | 48.1 | 48.1 | 94.4 |
| | Don't Know | 6 | 5.6 | 5.6 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| What did you expect the water level to be? | | | | | |
|--|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Much Lower | 2 | 1.9 | 4.0 | 4.0 |
| | Lower | 10 | 9.3 | 20.0 | 24.0 |
| | About Where it is | 19 | 17.6 | 38.0 | 62.0 |
| | Higher | 17 | 15.7 | 34.0 | 96.0 |
| | Much Higher | 2 | 1.9 | 4.0 | 100.0 |
| | Total | 50 | 46.3 | 100.0 | |
| Missing | System | 58 | 53.7 | | |
| Total | | 108 | 100.0 | | |

Appendix C.4.2 Union Valley Reservoir - High Water Level

Frequency Tables

| Picture 3 ID Code | | | | | |
|-------------------|---------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fashoda Picnic High | 60 | 55.6 | 55.6 | 55.6 |
| | Lone Rock CG High | 22 | 20.4 | 20.4 | 75.9 |
| | Wolf Creek CG High | 26 | 24.1 | 24.1 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| How Satisfied with Appearance? Picture 3 | | | | | |
|--|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dissatisfied | 4 | 3.7 | 3.7 | 3.7 |
| | Neutral | 3 | 2.8 | 2.8 | 6.5 |
| | Satisfied | 29 | 26.9 | 26.9 | 33.3 |
| | Very Satisfied | 72 | 66.7 | 66.7 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| What would you be dissatisfied with? (1) | | | | | |
|--|--------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Appearance Related | 4 | 3.7 | 100.0 | 100.0 |
| Missing | System | 104 | 96.3 | | |
| Total | | 108 | 100.0 | | |

| What would you be dissatisfied with? (2) | | | | | |
|--|--------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Appearance Related | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water Appearance" Picture 3 (1) | | | | | |
|---|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 2 | 1.9 | 50.0 | 50.0 |
| | Water is too high | 2 | 1.9 | 50.0 | 100.0 |
| | Total | 4 | 3.7 | 100.0 | |
| Missing | System | 104 | 96.3 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water Appearance" Picture 3 (2) | | | | | |
|---|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Puddle-like, Muddy, Murky | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Cause you to Change Recreation Plans? - Picture 3 | | | | | |
|---|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 1 | .9 | 25.0 | 25.0 |
| | No | 3 | 2.8 | 75.0 | 100.0 |
| | Total | 4 | 3.7 | 100.0 | |
| Missing | System | 104 | 96.3 | | |
| Total | | 108 | 100.0 | | |

| What changes would you make? (1) | | | | | |
|----------------------------------|--------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would Move Outside ENF Related | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Would Move Outside ENF" Picture 3 (1) | | | | | |
|---|----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Borney - Lake Button | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Would Reservoirs Appearance Negatively Affect Experience? Picture 3 | | | | | |
|--|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 4 | 3.7 | 3.7 | 3.7 |
| | No | 98 | 90.7 | 90.7 | 94.4 |
| | Don't Know | 6 | 5.6 | 5.6 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| To What Extent Appearance Would Affect Experience? Picture 3 | | | | | |
|---|----------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 2 | 1.9 | 50.0 | 50.0 |
| | Moderately | 1 | .9 | 25.0 | 75.0 |
| | Significantly | 1 | .9 | 25.0 | 100.0 |
| | Total | 4 | 3.7 | 100.0 | |
| Missing | System | 104 | 96.3 | | |
| Total | | 108 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (1) | | | | | |
|--|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 3 | 2.8 | 75.0 | 75.0 |
| | Water-Appearance/Look Related | 1 | .9 | 25.0 | 100.0 |
| | Total | 4 | 3.7 | 100.0 | |
| Missing | System | 104 | 96.3 | | |
| Total | | 108 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (2) | | | | | |
|--|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 1 | .9 | 50.0 | 50.0 |
| | Environmental - Ecological Health | 1 | .9 | 50.0 | 100.0 |
| | Total | 2 | 1.9 | 100.0 | |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 3 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, barren, brown, mossy | 1 | .9 | 33.3 | 33.3 |
| | Want more beach | 2 | 1.9 | 66.7 | 100.0 |
| | Total | 3 | 2.8 | 100.0 | |
| Missing | System | 105 | 97.2 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 3 (2) | | | | | |
|--|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ugly,dirty | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 3 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Puddle like, muddy, murky | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

Appendix C.4.3 Union Valley Reservoir - Intermediate Water Level

Frequency Tables

| Picture 2 ID Code | | | | | |
|-------------------|-----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fashoda Picnic Medium | 60 | 55.6 | 55.6 | 55.6 |
| | Lone Rock CG Medium | 22 | 20.4 | 20.4 | 75.9 |
| | Wolf Creek CG Medium | 26 | 24.1 | 24.1 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| How Satisfied with Appearance? Picture 2 | | | | | |
|--|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Very Dissatisfied | 9 | 8.3 | 8.3 | 8.3 |
| | Dissatisfied | 15 | 13.9 | 13.9 | 22.2 |
| | Neutral | 41 | 38.0 | 38.0 | 60.2 |
| | Satisfied | 34 | 31.5 | 31.5 | 91.7 |
| | Very Satisfied | 9 | 8.3 | 8.3 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| What would you be dissatisfied with? (1) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 1 | .9 | 4.2 | 4.2 |
| | Water Appearance Related | 15 | 13.9 | 62.5 | 66.7 |
| | Recreation Activity Related | 7 | 6.5 | 29.2 | 95.8 |
| | General - Unattractive/unappealing visually | 1 | .9 | 4.2 | 100.0 |
| | Total | 24 | 22.2 | 100.0 | |
| Missing | System | 84 | 77.8 | | |
| Total | | 108 | 100.0 | | |

| What would you be dissatisfied with? (2) | | | | | |
|--|------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 3 | 2.8 | 42.9 | 42.9 |
| | Water Appearance Related | 1 | .9 | 14.3 | 57.1 |
| | Recreation Activity Related | 3 | 2.8 | 42.9 | 100.0 |
| | Total | 7 | 6.5 | 100.0 | |
| Missing | System | 101 | 93.5 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 2 (1) | | | | | |
|---|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Too much Area | 4 | 3.7 | 100.0 | 100.0 |
| Missing | System | 104 | 96.3 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water Appearance" Picture 2 (1) | | | | | |
|---|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 15 | 13.9 | 93.8 | 93.8 |
| | No Water | 1 | .9 | 6.3 | 100.0 |
| | Total | 16 | 14.8 | 100.0 | |
| Missing | System | 92 | 85.2 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Rec Activity Related" Picture 2 (1) | | | | | |
|---|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access - Long Walk/Distance | 6 | 5.6 | 60.0 | 60.0 |
| | Fishing | 2 | 1.9 | 20.0 | 80.0 |
| | General Interference with Recreational Activities | 1 | .9 | 10.0 | 90.0 |
| | Too low to Water Ski | 1 | .9 | 10.0 | 100.0 |
| | Total | 10 | 9.3 | 100.0 | |
| Missing | System | 98 | 90.7 | | |
| Total | | 108 | 100.0 | | |

| Cause you to Change Recreation Plans? - Picture 2 | | | | | |
|---|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 20 | 18.5 | 83.3 | 83.3 |
| | No | 4 | 3.7 | 16.7 | 100.0 |
| | Total | 24 | 22.2 | 100.0 | |
| Missing | System | 84 | 77.8 | | |
| Total | | 108 | 100.0 | | |

| What changes would you make? (1) | | | | | |
|----------------------------------|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activities Related | 2 | 1.9 | 10.0 | 10.0 |
| | Would Move to Another Project Res Related | 2 | 1.9 | 10.0 | 20.0 |
| | Would Move Outside ENF Related | 2 | 1.9 | 10.0 | 30.0 |
| | Would go where there is water related | 6 | 5.6 | 30.0 | 60.0 |
| | Would go/stay home | 6 | 5.6 | 30.0 | 90.0 |
| | No Response | 2 | 1.9 | 10.0 | 100.0 |
| | Total | 20 | 18.5 | 100.0 | |
| Missing | System | 88 | 81.5 | | |
| Total | | 108 | 100.0 | | |

| What changes would you make? (2) | | | | | |
|----------------------------------|--------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would Move Outside ENF Related | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Changes in Activities" Picture 2 (1) | | | | | |
|--|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No Boating | 1 | .9 | 50.0 | 50.0 |
| | No Fishing | 1 | .9 | 50.0 | 100.0 |
| | Total | 2 | 1.9 | 100.0 | |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Would Move to Another Project Res" Picture 2 (1) | | | | | |
|--|--------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ice House | 1 | .9 | 50.0 | 50.0 |
| | Another Reservoir in the Basin | 1 | .9 | 50.0 | 100.0 |
| | Total | 2 | 1.9 | 100.0 | |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Would Move Outside ENF" Picture 2 (1) | | | | | |
|---|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Big Sur | 1 | .9 | 33.3 | 33.3 |
| | Bear River | 1 | .9 | 33.3 | 66.7 |
| | Lake Stampede | 1 | .9 | 33.3 | 100.0 |
| | Total | 3 | 2.8 | 100.0 | |
| Missing | System | 105 | 97.2 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Would Go Where There is Water" Picture 2 (1) | | | | | |
|--|------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would go where there is MORE water | 4 | 3.7 | 66.7 | 66.7 |
| | Would go where there is water | 2 | 1.9 | 33.3 | 100.0 |
| | Total | 6 | 5.6 | 100.0 | |
| Missing | System | 102 | 94.4 | | |
| Total | | 108 | 100.0 | | |

| Would Reservoirs Appearance Negatively Affect Experience? Picture 2 | | | | | |
|---|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 33 | 30.6 | 30.6 | 30.6 |
| | No | 63 | 58.3 | 58.3 | 88.9 |
| | Don't Know | 12 | 11.1 | 11.1 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| To What Extent Appearance Would Affect Experience? Picture 2 | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 11 | 10.2 | 33.3 | 33.3 |
| | Moderately | 11 | 10.2 | 33.3 | 66.7 |
| | Significantly | 11 | 10.2 | 33.3 | 100.0 |
| | Total | 33 | 30.6 | 100.0 | |
| Missing | System | 75 | 69.4 | | |
| Total | | 108 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (1) | | | | | |
|---|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 11 | 10.2 | 33.3 | 33.3 |
| | Water-Appearance/Look Related | 9 | 8.3 | 27.3 | 60.6 |
| | Shore & Water-Appearance/Look - unattractive | 3 | 2.8 | 9.1 | 69.7 |
| | Recreation Activity Related | 9 | 8.3 | 27.3 | 97.0 |
| | 88 | 1 | .9 | 3.0 | 100.0 |
| | Total | 33 | 30.6 | 100.0 | |
| Missing | System | 75 | 69.4 | | |
| Total | | 108 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (2) | | | | | |
|---|-----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 8 | 7.4 | 57.1 | 57.1 |
| | Water-Appearance/Look Related | 1 | .9 | 7.1 | 64.3 |
| | Recreation Activity Related | 5 | 4.6 | 35.7 | 100.0 |
| | Total | 14 | 13.0 | 100.0 | |
| Missing | System | 94 | 87.0 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 2 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, barren, brown, mossy | 3 | 2.8 | 17.6 | 17.6 |
| | Ugly,dirty | 2 | 1.9 | 11.8 | 29.4 |
| | Rocks | 1 | .9 | 5.9 | 35.3 |
| | Too much area | 10 | 9.3 | 58.8 | 94.1 |
| | Safety related | 1 | .9 | 5.9 | 100.0 |
| | Total | 17 | 15.7 | 100.0 | |
| Missing | System | 91 | 84.3 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 2 (2) | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ugly,dirty | 1 | .9 | 50.0 | 50.0 |
| | Too much area | 1 | .9 | 50.0 | 100.0 |
| | Total | 2 | 1.9 | 100.0 | |
| Missing | System | 106 | 98.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 2 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/no water | 9 | 8.3 | 90.0 | 90.0 |
| | Puddle like, muddy, murky | 1 | .9 | 10.0 | 100.0 |
| | Total | 10 | 9.3 | 100.0 | |
| Missing | System | 98 | 90.7 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 2 (1) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access-Long Walk/Distance | 10 | 9.3 | 76.9 | 76.9 |
| | Boating/Swimming | 1 | .9 | 7.7 | 84.6 |
| | General interference with Recreation Activities (non-spec.) | 2 | 1.9 | 15.4 | 100.0 |
| | Total | 13 | 12.0 | 100.0 | |
| Missing | System | 95 | 88.0 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 2 (2) | | | | | |
|---|----------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

Appendix C.4.4 Union Valley Reservoir - Low Water Level

Frequency Tables

| Picture 1 ID Code | | | | | |
|-------------------|--------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fashoda Picnic Low | 60 | 55.6 | 55.6 | 55.6 |
| | Lone Rock CG Low | 22 | 20.4 | 20.4 | 75.9 |
| | Wolf Creek CG Low | 26 | 24.1 | 24.1 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| How Satisfied with Appearance? Picture 1 | | | | | |
|--|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Very Dissatisfied | 48 | 44.4 | 44.4 | 44.4 |
| | Dissatisfied | 28 | 25.9 | 25.9 | 70.4 |
| | Neutral | 21 | 19.4 | 19.4 | 89.8 |
| | Satisfied | 10 | 9.3 | 9.3 | 99.1 |
| | Very Satisfied | 1 | .9 | .9 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| What would you be dissatisfied with? (1) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 11 | 10.2 | 14.5 | 14.5 |
| | Water Appearance Related | 44 | 40.7 | 57.9 | 72.4 |
| | Recreation Activity Related | 14 | 13.0 | 18.4 | 90.8 |
| | Environmental - low water related | 1 | .9 | 1.3 | 92.1 |
| | General - Unattractive/unappealing visually | 3 | 2.8 | 3.9 | 96.1 |
| | No Response | 3 | 2.8 | 3.9 | 100.0 |
| | Total | 76 | 70.4 | 100.0 | |
| Missing | System | 32 | 29.6 | | |
| Total | | 108 | 100.0 | | |

| What would you be dissatisfied with? (2) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 10 | 9.3 | 47.6 | 47.6 |
| | Water Appearance Related | 3 | 2.8 | 14.3 | 61.9 |
| | Recreation Activity Related | 3 | 2.8 | 14.3 | 76.2 |
| | Environmental - low water related | 1 | .9 | 4.8 | 81.0 |
| | General - Unattractive/unappealing visually | 4 | 3.7 | 19.0 | 100.0 |
| | Total | 21 | 19.4 | 100.0 | |
| Missing | System | 87 | 80.6 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 1 (1) | | | | | |
|---|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, Barren | 4 | 3.7 | 22.2 | 22.2 |
| | Ugly, Dirty | 7 | 6.5 | 38.9 | 61.1 |
| | Rocks | 2 | 1.9 | 11.1 | 72.2 |
| | Too much Area | 5 | 4.6 | 27.8 | 100.0 |
| | Total | 18 | 16.7 | 100.0 | |
| Missing | System | 90 | 83.3 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 1 (2) | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, Barren | 1 | .9 | 33.3 | 33.3 |
| | Rocks | 2 | 1.9 | 66.7 | 100.0 |
| | Total | 3 | 2.8 | 100.0 | |
| Missing | System | 105 | 97.2 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water Appearance" Picture 1 (1) | | | | | |
|---|---------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 32 | 29.6 | 69.6 | 69.6 |
| | No Water | 8 | 7.4 | 17.4 | 87.0 |
| | Puddle-like, Muddy, Murky | 3 | 2.8 | 6.5 | 93.5 |
| | Boulders/Rocks, Stumps in Water | 1 | .9 | 2.2 | 95.7 |
| | Other | 2 | 1.9 | 4.3 | 100.0 |
| | Total | 46 | 42.6 | 100.0 | |
| Missing | System | 62 | 57.4 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water Appearance" Picture 1 (2) | | | | | |
|---|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Rec Activity Related" Picture 1 (1) | | | | | |
|---|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access - Long Walk/Distance | 10 | 9.3 | 62.5 | 62.5 |
| | Swimming (Includes tanning) | 2 | 1.9 | 12.5 | 75.0 |
| | Boating - Launching | 1 | .9 | 6.3 | 81.3 |
| | Boating/Swimming (Includes tanning) | 1 | .9 | 6.3 | 87.5 |
| | Fishing | 1 | .9 | 6.3 | 93.8 |
| | General Interference with Recreational Activities | 1 | .9 | 6.3 | 100.0 |
| | Total | 16 | 14.8 | 100.0 | |
| Missing | System | 92 | 85.2 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Rec Activity Related" Picture 1 (2) | | | | | |
|---|------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access - Long Walk/Distance | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Cause you to Change Recreation Plans? - Picture 1 | | | | | |
|---|--------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 48 | 44.4 | 63.2 | 63.2 |
| | No | 8 | 7.4 | 10.5 | 73.7 |
| | Don't Know | 17 | 15.7 | 22.4 | 96.1 |
| | No Response | 3 | 2.8 | 3.9 | 100.0 |
| | Total | 76 | 70.4 | 100.0 | |
| Missing | System | 32 | 29.6 | | |
| Total | | 108 | 100.0 | | |

| What changes would you make? (1) | | | | | |
|----------------------------------|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activities Related | 4 | 3.7 | 8.3 | 8.3 |
| | Would Move to Another Project Res Related | 8 | 7.4 | 16.7 | 25.0 |
| | Would Move to Outside project, but inside ENF Related | 1 | .9 | 2.1 | 27.1 |
| | Would Move Outside ENF Related | 5 | 4.6 | 10.4 | 37.5 |
| | Would go where there is water related | 11 | 10.2 | 22.9 | 60.4 |
| | Would go/stay home | 19 | 17.6 | 39.6 | 100.0 |
| | Total | | 48 | 44.4 | 100.0 |
| Missing | System | 60 | 55.6 | | |
| Total | | 108 | 100.0 | | |

| What changes would you make? (2) | | | | | |
|----------------------------------|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activities Related | 2 | 1.9 | 40.0 | 40.0 |
| | Would Move to Another Project Res Related | 1 | .9 | 20.0 | 60.0 |
| | Would go where there is water related | 1 | .9 | 20.0 | 80.0 |
| | Would go/stay home | 1 | .9 | 20.0 | 100.0 |
| | Total | 5 | 4.6 | 100.0 | |
| Missing | System | 103 | 95.4 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Changes in Activities" Picture 1 (1) | | | | | |
|--|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No Boating | 2 | 1.9 | 40.0 | 40.0 |
| | No Swimming | 1 | .9 | 20.0 | 60.0 |
| | No Fishing | 1 | .9 | 20.0 | 80.0 |
| | Would Swim | 1 | .9 | 20.0 | 100.0 |
| | Total | 5 | 4.6 | 100.0 | |
| Missing | System | 103 | 95.4 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Changes in Activities" Picture 1 (2) | | | | | |
|--|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No Fishing | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Would Move to Another Project Res" Picture 1 (1) | | | | | |
|--|--------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Gerle Creek | 1 | .9 | 11.1 | 11.1 |
| | Ice House | 6 | 5.6 | 66.7 | 77.8 |
| | Another Reservoir in the Basin | 2 | 1.9 | 22.2 | 100.0 |
| | Total | 9 | 8.3 | 100.0 | |
| Missing | System | 99 | 91.7 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Would Move to Outside Project, but inside ENF" Picture 1 (1) | | | | | |
|--|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Other | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Would Move Outside ENF" Picture 1 (1) | | | | | |
|---|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tahoe | 2 | 1.9 | 40.0 | 40.0 |
| | Lake Shasta | 2 | 1.9 | 40.0 | 80.0 |
| | Lake Oroville | 1 | .9 | 20.0 | 100.0 |
| | Total | 5 | 4.6 | 100.0 | |
| Missing | System | 103 | 95.4 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Would Go Where There is Water" Picture 1 (1) | | | | | |
|--|------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would go where there is MORE water | 11 | 10.2 | 91.7 | 91.7 |
| | Would go where there is water | 1 | .9 | 8.3 | 100.0 |
| | Total | 12 | 11.1 | 100.0 | |
| Missing | System | 96 | 88.9 | | |
| Total | | 108 | 100.0 | | |

| Would Reservoirs Appearance Negatively Affect Experience? Picture 1 | | | | | |
|--|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 62 | 57.4 | 57.4 | 57.4 |
| | No | 30 | 27.8 | 27.8 | 85.2 |
| | Don't Know | 16 | 14.8 | 14.8 | 100.0 |
| | Total | 108 | 100.0 | 100.0 | |

| To What Extent Appearance Would Affect Experience? Picture 1 | | | | | |
|---|----------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 12 | 11.1 | 19.4 | 19.4 |
| | Moderately | 11 | 10.2 | 17.7 | 37.1 |
| | Significantly | 39 | 36.1 | 62.9 | 100.0 |
| | Total | 62 | 57.4 | 100.0 | |
| Missing | System | 46 | 42.6 | | |
| Total | | 108 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (1) | | | | | |
|--|---|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 21 | 19.4 | 33.9 | 33.9 |
| | Water-Appearance/Look Related | 28 | 25.9 | 45.2 | 79.0 |
| | Shore & Water-Appearance/Look - unattractive | 6 | 5.6 | 9.7 | 88.7 |
| | Recreation Activity Related | 7 | 6.5 | 11.3 | 100.0 |
| | Total | 62 | 57.4 | 100.0 | |
| Missing | System | 46 | 42.6 | | |
| Total | | 108 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (2) | | | | | |
|---|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 23 | 21.3 | 59.0 | 59.0 |
| | Water-Appearance/Look Related | 6 | 5.6 | 15.4 | 74.4 |
| | Shore & Water-Appearance/Look - unattractive | 3 | 2.8 | 7.7 | 82.1 |
| | Recreation Activity Related | 7 | 6.5 | 17.9 | 100.0 |
| | Total | 39 | 36.1 | 100.0 | |
| Missing | System | 69 | 63.9 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 1 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, barren, brown, mossy | 13 | 12.0 | 36.1 | 36.1 |
| | Ugly,dirty | 6 | 5.6 | 16.7 | 52.8 |
| | Rocks | 6 | 5.6 | 16.7 | 69.4 |
| | Too much area | 8 | 7.4 | 22.2 | 91.7 |
| | Safety related | 1 | .9 | 2.8 | 94.4 |
| | Other | 2 | 1.9 | 5.6 | 100.0 |
| | Total | 36 | 33.3 | 100.0 | |
| Missing | System | 72 | 66.7 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 1 (2) | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ugly,dirty | 2 | 1.9 | 25.0 | 25.0 |
| | Rocks | 1 | .9 | 12.5 | 37.5 |
| | Stumps | 1 | .9 | 12.5 | 50.0 |
| | Too much area | 4 | 3.7 | 50.0 | 100.0 |
| | Total | 8 | 7.4 | 100.0 | |
| Missing | System | 100 | 92.6 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 1 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/no water | 21 | 19.4 | 70.0 | 70.0 |
| | Puddle like, muddy, murky | 9 | 8.3 | 30.0 | 100.0 |
| | Total | 30 | 27.8 | 100.0 | |
| Missing | System | 78 | 72.2 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 1 (2) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/no water | 1 | .9 | 25.0 | 25.0 |
| | Puddle like, muddy, murky | 3 | 2.8 | 75.0 | 100.0 |
| | Total | 4 | 3.7 | 100.0 | |
| Missing | System | 104 | 96.3 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 1 (1) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access-Long Walk/Distance | 6 | 5.6 | 46.2 | 46.2 |
| | Swimming | 1 | .9 | 7.7 | 53.8 |
| | Boating | 2 | 1.9 | 15.4 | 69.2 |
| | Boating/Swimming | 1 | .9 | 7.7 | 76.9 |
| | Fishing | 1 | .9 | 7.7 | 84.6 |
| | General interference with Recreation Activities (non-spec.) | 2 | 1.9 | 15.4 | 100.0 |
| | Total | 13 | 12.0 | 100.0 | |
| Missing | System | 95 | 88.0 | | |
| Total | | 108 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 1 (2) | | | | | |
|--|---------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing | 1 | .9 | 100.0 | 100.0 |
| Missing | System | 107 | 99.1 | | |
| Total | | 108 | 100.0 | | |

Appendix C.5.1 Ice House Reservoir – questions 1 through 13

Frequency Tables

| Reservoir | | | | | |
|--------------|------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ice House | 101 | 100.0 | 100.0 | 100.0 |

| Zip Code (Recode) | | | | | |
|-------------------|--------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | El Dorado County | 32 | 31.7 | 31.7 | 31.7 |
| | Sacramento County | 29 | 28.7 | 28.7 | 60.4 |
| | Placer County | 10 | 9.9 | 9.9 | 70.3 |
| | Yolo County | 1 | 1.0 | 1.0 | 71.3 |
| | Bay Area | 9 | 8.9 | 8.9 | 80.2 |
| | Northern CA | 1 | 1.0 | 1.0 | 81.2 |
| | Central Valley | 11 | 10.9 | 10.9 | 92.1 |
| | Southern CA | 1 | 1.0 | 1.0 | 93.1 |
| | Out of State | 4 | 4.0 | 4.0 | 97.0 |
| | No Response | 3 | 3.0 | 3.0 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| Day or Overnight Trip | | | | | |
|-----------------------|------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Daytrip | 30 | 29.7 | 29.7 | 29.7 |
| | Overnight | 71 | 70.3 | 70.3 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| Visited Before | | | | | |
|----------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 71 | 70.3 | 70.3 | 70.3 |
| | No | 30 | 29.7 | 29.7 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| # Years Visiting Reservoir | | | | | |
|-----------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 6 | 5.9 | 8.5 | 8.5 |
| | 2 | 6 | 5.9 | 8.5 | 16.9 |
| | 3 | 5 | 5.0 | 7.0 | 23.9 |
| | 4 | 5 | 5.0 | 7.0 | 31.0 |
| | 5 | 4 | 4.0 | 5.6 | 36.6 |
| | 6 | 3 | 3.0 | 4.2 | 40.8 |
| | 8 | 5 | 5.0 | 7.0 | 47.9 |
| | 9 | 2 | 2.0 | 2.8 | 50.7 |
| | 10 | 6 | 5.9 | 8.5 | 59.2 |
| | 11-15 | 13 | 12.9 | 18.3 | 77.5 |
| | 16-20 | 4 | 4.0 | 5.6 | 83.1 |
| | 21-30 | 7 | 6.9 | 9.9 | 93.0 |
| | 31-40 | 4 | 4.0 | 5.6 | 98.6 |
| | 41-50 | 1 | 1.0 | 1.4 | 100.0 |
| | Total | 71 | 70.3 | 100.0 | |
| Missing | System | 30 | 29.7 | | |
| Total | | 101 | 100.0 | | |

| # Visits per Year | | | | | |
|--------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 23 | 22.8 | 32.4 | 32.4 |
| | 2 | 24 | 23.8 | 33.8 | 66.2 |
| | 3 | 10 | 9.9 | 14.1 | 80.3 |
| | 4 | 6 | 5.9 | 8.5 | 88.7 |
| | 5 | 2 | 2.0 | 2.8 | 91.5 |
| | 6 | 2 | 2.0 | 2.8 | 94.4 |
| | 8 | 2 | 2.0 | 2.8 | 97.2 |
| | 10 | 2 | 2.0 | 2.8 | 100.0 |
| | | Total | 71 | 70.3 | 100.0 |
| Missing | System | 30 | 29.7 | | |
| Total | | 101 | 100.0 | | |

| Is there a Time of Year that you prefer to Visit? | | | | | |
|---|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 51 | 50.5 | 71.8 | 71.8 |
| | No | 18 | 17.8 | 25.4 | 97.2 |
| | Don't Know | 2 | 2.0 | 2.8 | 100.0 |
| | Total | 71 | 70.3 | 100.0 | |
| Missing | System | 30 | 29.7 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - March | | | | | |
|--------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | March | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - April | | | | | |
|--------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | April | 2 | 2.0 | 100.0 | 100.0 |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - May | | | | | |
|------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | May | 10 | 9.9 | 100.0 | 100.0 |
| Missing | System | 91 | 90.1 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - June | | | | | |
|-------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | June | 38 | 37.6 | 100.0 | 100.0 |
| Missing | System | 63 | 62.4 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - July | | | | | |
|--------------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | July | 47 | 46.5 | 100.0 | 100.0 |
| Missing | System | 54 | 53.5 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - August | | | | | |
|--|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | August | 40 | 39.6 | 100.0 | 100.0 |
| Missing | System | 61 | 60.4 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - September | | | | | |
|---|------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | September | 20 | 19.8 | 100.0 | 100.0 |
| Missing | System | 81 | 80.2 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - October | | | | | |
|---|----------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | October | 2 | 2.0 | 100.0 | 100.0 |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - November | | | | | |
|--|-----------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | November | 2 | 2.0 | 100.0 | 100.0 |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - December | | | | | |
|-----------------------------------|----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | December | 2 | 2.0 | 100.0 | 100.0 |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Why do you Prefer these months? 1 | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 25 | 24.8 | 48.1 | 48.1 |
| | Time Related | 11 | 10.9 | 21.2 | 69.2 |
| | Water Related | 3 | 3.0 | 5.8 | 75.0 |
| | Fishing Related | 3 | 3.0 | 5.8 | 80.8 |
| | For the Boating | 2 | 2.0 | 3.8 | 84.6 |
| | General Related | 4 | 4.0 | 7.7 | 92.3 |
| | No Response | 4 | 4.0 | 7.7 | 100.0 |
| | Total | | 52 | 51.5 | 100.0 |
| Missing | System | 49 | 48.5 | | |
| Total | | 101 | 100.0 | | |

| Why do you Prefer these months? 2 | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 3 | 3.0 | 20.0 | 20.0 |
| | Time Related | 4 | 4.0 | 26.7 | 46.7 |
| | Water Related | 4 | 4.0 | 26.7 | 73.3 |
| | Fishing Related | 1 | 1.0 | 6.7 | 80.0 |
| | For the Boating | 2 | 2.0 | 13.3 | 93.3 |
| | General Related | 1 | 1.0 | 6.7 | 100.0 |
| | Total | | 15 | 14.9 | 100.0 |
| Missing | System | 86 | 85.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Weather Related 1" | | | | | |
|------------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Weather | 28 | 27.7 | 100.0 | 100.0 |
| Missing | System | 73 | 72.3 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Time Related 1" | | | | | |
|---------------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Time | 5 | 5.0 | 35.7 | 35.7 |
| | Vacation Time/kids out of school | 9 | 8.9 | 64.3 | 100.0 |
| | Total | 14 | 13.9 | 100.0 | |
| Missing | System | 87 | 86.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Time Related 2" | | | | | |
|---------------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Vacation Time/kids out of school | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Water Related 1" | | | | | |
|----------------------------------|--------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water high/more | 1 | 1.0 | 14.3 | 14.3 |
| | Water activities | 5 | 5.0 | 71.4 | 85.7 |
| | Warmer water temp. | 1 | 1.0 | 14.3 | 100.0 |
| | Total | 7 | 6.9 | 100.0 | |
| Missing | System | 94 | 93.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Fishing Related 1" | | | | | |
|------------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing quality | 4 | 4.0 | 100.0 | 100.0 |
| Missing | System | 97 | 96.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "General Related 1" | | | | | |
|------------------------------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Less Crowded | 3 | 3.0 | 60.0 | 60.0 |
| | Tradition | 1 | 1.0 | 20.0 | 80.0 |
| | Camping | 1 | 1.0 | 20.0 | 100.0 |
| | Total | 5 | 5.0 | 100.0 | |
| Missing | System | 96 | 95.0 | | |
| Total | | 101 | 100.0 | | |

| Previous visit, ever Dissatisfied with Water Level? | | | | | |
|---|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 24 | 23.8 | 33.8 | 33.8 |
| | No | 41 | 40.6 | 57.7 | 91.5 |
| | Don't Know | 6 | 5.9 | 8.5 | 100.0 |
| | Total | 71 | 70.3 | 100.0 | |
| Missing | System | 30 | 29.7 | | |
| Total | | 101 | 100.0 | | |

| Why were you dissatisfied? | | | | | |
|----------------------------|---------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Level Related | 21 | 20.8 | 87.5 | 87.5 |
| | Access Related | 3 | 3.0 | 12.5 | 100.0 |
| | Total | 24 | 23.8 | 100.0 | |
| Missing | System | 77 | 76.2 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Water Level Related" | | | | | |
|--------------------------------------|------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/No Water | 19 | 18.8 | 90.5 | 90.5 |
| | Too Low for Recreation | 2 | 2.0 | 9.5 | 100.0 |
| | Total | 21 | 20.8 | 100.0 | |
| Missing | System | 80 | 79.2 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Access Related" | | | | | |
|---------------------------------|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Long Walk | 3 | 3.0 | 100.0 | 100.0 |
| Missing | System | 98 | 97.0 | | |
| Total | | 101 | 100.0 | | |

| Caused a Change in Recreation Plans? | | | | | |
|--------------------------------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 7 | 6.9 | 29.2 | 29.2 |
| | No | 17 | 16.8 | 70.8 | 100.0 |
| | Total | 24 | 23.8 | 100.0 | |
| Missing | System | 77 | 76.2 | | |
| Total | | 101 | 100.0 | | |

| What Changes did you make? | | | | | |
|----------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activity - didn't boat | 3 | 3.0 | 42.9 | 42.9 |
| | Location Change Related | 3 | 3.0 | 42.9 | 85.7 |
| | No Response | 1 | 1.0 | 14.3 | 100.0 |
| | Total | 7 | 6.9 | 100.0 | |
| Missing | System | 94 | 93.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Location Change" | | | | | |
|----------------------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Go Home | 2 | 2.0 | 50.0 | 50.0 |
| | Other Project Reservoir | 2 | 2.0 | 50.0 | 100.0 |
| | Total | 4 | 4.0 | 100.0 | |
| Missing | System | 97 | 96.0 | | |
| Total | | 101 | 100.0 | | |

| In the Past, ever Relocated Due to Water Level? | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 9 | 8.9 | 12.7 | 12.7 |
| | No | 61 | 60.4 | 85.9 | 98.6 |
| | No Response | 1 | 1.0 | 1.4 | 100.0 |
| | Total | 71 | 70.3 | 100.0 | |
| Missing | System | 30 | 29.7 | | |
| Total | | 101 | 100.0 | | |

| What did you expect? | | | | | |
|----------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Higher/more water | 8 | 7.9 | 88.9 | 88.9 |
| | No Response | 1 | 1.0 | 11.1 | 100.0 |
| | Total | 9 | 8.9 | 100.0 | |
| Missing | System | 92 | 91.1 | | |
| Total | | 101 | 100.0 | | |

| Where did you go? | | | | | |
|-------------------|------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Within the Project Related | 7 | 6.9 | 77.8 | 77.8 |
| | Outside the Project - Wrigths Lake | 1 | 1.0 | 11.1 | 88.9 |
| | Outside ENF Related | 1 | 1.0 | 11.1 | 100.0 |
| | Total | 9 | 8.9 | 100.0 | |
| Missing | System | 92 | 91.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Within Project" | | | | | |
|---------------------------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake | 4 | 4.0 | 57.1 | 57.1 |
| | Gerle Creek | 1 | 1.0 | 14.3 | 71.4 |
| | Union Valley | 2 | 2.0 | 28.6 | 100.0 |
| | Total | 7 | 6.9 | 100.0 | |
| Missing | System | 94 | 93.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Outside ENF" | | | | | |
|------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | French Meadows | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Why did you go there? | | | | | |
|-----------------------|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | For higher water | 5 | 5.0 | 55.6 | 55.6 |
| | For a more natural and satisfying appearance | 2 | 2.0 | 22.2 | 77.8 |
| | Pleasing previous trip/experience | 1 | 1.0 | 11.1 | 88.9 |
| | Nearest alternative | 1 | 1.0 | 11.1 | 100.0 |
| | Total | 9 | 8.9 | 100.0 | |
| Missing | System | 92 | 91.1 | | |
| Total | | 101 | 100.0 | | |

| What time of Year was this? | | | | | |
|-----------------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer (June-Aug) | 5 | 5.0 | 55.6 | 55.6 |
| | Fall (Sept-Nov) | 2 | 2.0 | 22.2 | 77.8 |
| | Winter (Dec-Feb) | 1 | 1.0 | 11.1 | 88.9 |
| | No Response | 1 | 1.0 | 11.1 | 100.0 |
| | Total | 9 | 8.9 | 100.0 | |
| Missing | System | 92 | 91.1 | | |
| Total | | 101 | 100.0 | | |

| Current trip, How would you rate Overall Reservoir Appearance? | | | | | |
|--|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Very Unpleasing | 1 | 1.0 | 1.0 | 1.0 |
| | Unpleasing | 1 | 1.0 | 1.0 | 2.0 |
| | Neutral | 6 | 5.9 | 5.9 | 7.9 |
| | Pleasing | 40 | 39.6 | 39.6 | 47.5 |
| | Very Pleasing | 53 | 52.5 | 52.5 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| Does Water Level Negatively Affect Experience? | | | | | |
|--|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 1 | 1.0 | 1.0 | 1.0 |
| | No | 97 | 96.0 | 96.0 | 97.0 |
| | Don't Know | 1 | 1.0 | 1.0 | 98.0 |
| | No Response | 2 | 2.0 | 2.0 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| To what extent does Res Appearance Negatively Affect Experience? | | | | | |
|--|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| What About Res Appearance Negatively Affects Experience? | | | | | |
|--|--------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Appearance Related | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Water Appearance" | | | | | |
|-----------------------------------|---------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Too Low | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Prior to arriving, did you have Water Level Expectation at this Res? | | | | | |
|--|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 53 | 52.5 | 52.5 | 52.5 |
| | No | 39 | 38.6 | 38.6 | 91.1 |
| | Don't Know | 9 | 8.9 | 8.9 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| What did you expect the water level to be? | | | | | |
|---|--------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Much Lower | 1 | 1.0 | 1.9 | 1.9 |
| | Lower | 11 | 10.9 | 20.8 | 22.6 |
| | About Where it is | 34 | 33.7 | 64.2 | 86.8 |
| | Higher | 6 | 5.9 | 11.3 | 98.1 |
| | Much Higher | 1 | 1.0 | 1.9 | 100.0 |
| | Total | 53 | 52.5 | 100.0 | |
| Missing | System | 48 | 47.5 | | |
| Total | | 101 | 100.0 | | |

Ice House Reservoir Questions 1-13

| Reservoir | | | | | |
|-----------|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ice House | 101 | 100.0 | 100.0 | 100.0 |

| Zip Code (Recode) | | | | | |
|-------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | El Dorado County | 32 | 31.7 | 31.7 | 31.7 |
| | Sacramento County | 29 | 28.7 | 28.7 | 60.4 |
| | Placer County | 10 | 9.9 | 9.9 | 70.3 |
| | Yolo County | 1 | 1.0 | 1.0 | 71.3 |
| | Bay Area | 9 | 8.9 | 8.9 | 80.2 |
| | Northern CA | 1 | 1.0 | 1.0 | 81.2 |
| | Central Valley | 11 | 10.9 | 10.9 | 92.1 |
| | Southern CA | 1 | 1.0 | 1.0 | 93.1 |
| | Out of State | 4 | 4.0 | 4.0 | 97.0 |
| | No Response | 3 | 3.0 | 3.0 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| Day or Overnight Trip | | | | | |
|-----------------------|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Daytrip | 30 | 29.7 | 29.7 | 29.7 |
| | Overnight | 71 | 70.3 | 70.3 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| Visited Before | | | | | |
|----------------|-------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 71 | 70.3 | 70.3 | 70.3 |
| | No | 30 | 29.7 | 29.7 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| # Years Visiting Reservoir | | | | | |
|-----------------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 6 | 5.9 | 8.5 | 8.5 |
| | 2 | 6 | 5.9 | 8.5 | 16.9 |
| | 3 | 5 | 5.0 | 7.0 | 23.9 |
| | 4 | 5 | 5.0 | 7.0 | 31.0 |
| | 5 | 4 | 4.0 | 5.6 | 36.6 |
| | 6 | 3 | 3.0 | 4.2 | 40.8 |
| | 8 | 5 | 5.0 | 7.0 | 47.9 |
| | 9 | 2 | 2.0 | 2.8 | 50.7 |
| | 10 | 6 | 5.9 | 8.5 | 59.2 |
| | 11-15 | 13 | 12.9 | 18.3 | 77.5 |
| | 16-20 | 4 | 4.0 | 5.6 | 83.1 |
| | 21-30 | 7 | 6.9 | 9.9 | 93.0 |
| | 31-40 | 4 | 4.0 | 5.6 | 98.6 |
| | 41-50 | 1 | 1.0 | 1.4 | 100.0 |
| Total | | 71 | 70.3 | 100.0 | |
| Missing | System | 30 | 29.7 | | |
| Total | | 101 | 100.0 | | |

| # Visits per Year | | | | | |
|--------------------------|---------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 23 | 22.8 | 32.4 | 32.4 |
| | 2 | 24 | 23.8 | 33.8 | 66.2 |
| | 3 | 10 | 9.9 | 14.1 | 80.3 |
| | 4 | 6 | 5.9 | 8.5 | 88.7 |
| | 5 | 2 | 2.0 | 2.8 | 91.5 |
| | 6 | 2 | 2.0 | 2.8 | 94.4 |
| | 8 | 2 | 2.0 | 2.8 | 97.2 |
| | 10 | 2 | 2.0 | 2.8 | 100.0 |
| | Total | | 71 | 70.3 | 100.0 |
| Missing | System | 30 | 29.7 | | |
| Total | | 101 | 100.0 | | |

| Is there a Time of Year that you prefer to Visit? | | | | | |
|---|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 51 | 50.5 | 71.8 | 71.8 |
| | No | 18 | 17.8 | 25.4 | 97.2 |
| | Don't Know | 2 | 2.0 | 2.8 | 100.0 |
| | Total | 71 | 70.3 | 100.0 | |
| Missing | System | 30 | 29.7 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - January | | | |
|----------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 101 | 100.0 |

| Months Prefer to Visit - February | | | |
|-----------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 101 | 100.0 |

| Months Prefer to Visit - March | | | | | |
|--------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | March | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - April | | | | | |
|--------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | April | 2 | 2.0 | 100.0 | 100.0 |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - May | | | | | |
|------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | May | 10 | 9.9 | 100.0 | 100.0 |
| Missing | System | 91 | 90.1 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - June | | | | | |
|-------------------------------|--|--|--|--|--|
|-------------------------------|--|--|--|--|--|

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|----------------|---------------|-----------|---------|---------------|--------------------|
| Valid | June | 38 | 37.6 | 100.0 | 100.0 |
| Missing | System | 63 | 62.4 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - July | | | | | |
|--------------------------------------|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | July | 47 | 46.5 | 100.0 | 100.0 |
| Missing | System | 54 | 53.5 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - August | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | August | 40 | 39.6 | 100.0 | 100.0 |
| Missing | System | 61 | 60.4 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - September | | | | | |
|---|------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | September | 20 | 19.8 | 100.0 | 100.0 |
| Missing | System | 81 | 80.2 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - October | | | | | |
|---|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | October | 2 | 2.0 | 100.0 | 100.0 |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - November | | | | | |
|--|-----------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | November | 2 | 2.0 | 100.0 | 100.0 |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Months Prefer to Visit - December | | | | | |
|--|-----------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | December | 2 | 2.0 | 100.0 | 100.0 |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Why do you Prefer these months? 1 | | | | | |
|--|------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 25 | 24.8 | 48.1 | 48.1 |
| | Time Related | 11 | 10.9 | 21.2 | 69.2 |
| | Water Related | 3 | 3.0 | 5.8 | 75.0 |
| | Fishing Related | 3 | 3.0 | 5.8 | 80.8 |
| | For the Boating | 2 | 2.0 | 3.8 | 84.6 |
| | General Related | 4 | 4.0 | 7.7 | 92.3 |
| | No Response | 4 | 4.0 | 7.7 | 100.0 |
| | Total | | 52 | 51.5 | 100.0 |
| Missing | System | 49 | 48.5 | | |
| Total | | 101 | 100.0 | | |

| Why do you Prefer these months? 2 | | | | | |
|-----------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Weather Related | 3 | 3.0 | 20.0 | 20.0 |
| | Time Related | 4 | 4.0 | 26.7 | 46.7 |
| | Water Related | 4 | 4.0 | 26.7 | 73.3 |
| | Fishing Related | 1 | 1.0 | 6.7 | 80.0 |
| | For the Boating | 2 | 2.0 | 13.3 | 93.3 |
| | General Related | 1 | 1.0 | 6.7 | 100.0 |
| | Total | 15 | 14.9 | 100.0 | |
| Missing | System | 86 | 85.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Weather Related 1" | | | | | |
|------------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Weather | 28 | 27.7 | 100.0 | 100.0 |
| Missing | System | 73 | 72.3 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Weather Related 2" | | | |
|------------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 101 | 100.0 |

| Drill down for "Time Related 1" | | | | | |
|---------------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer Time | 5 | 5.0 | 35.7 | 35.7 |
| | Vacation Time/kids out of school | 9 | 8.9 | 64.3 | 100.0 |
| | Total | 14 | 13.9 | 100.0 | |
| Missing | System | 87 | 86.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Time Related 2" | | | | | |
|---------------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Vacation Time/kids out of school | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Water Related 1" | | | | | |
|----------------------------------|--------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water high/more | 1 | 1.0 | 14.3 | 14.3 |
| | Water activities | 5 | 5.0 | 71.4 | 85.7 |
| | Warmer water temp. | 1 | 1.0 | 14.3 | 100.0 |
| | Total | 7 | 6.9 | 100.0 | |
| Missing | System | 94 | 93.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Water Related 2" | | | |
|----------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 101 | 100.0 |

| Drill down for "Fishing Related 1" | | | | | |
|------------------------------------|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing quality | 4 | 4.0 | 100.0 | 100.0 |
| Missing | System | 97 | 96.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Fishing Related 2" | | | |
|------------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 101 | 100.0 |

| Drill down for "General Related 1" | | | | | |
|------------------------------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Less Crowded | 3 | 3.0 | 60.0 | 60.0 |
| | Tradition | 1 | 1.0 | 20.0 | 80.0 |
| | Camping | 1 | 1.0 | 20.0 | 100.0 |
| | Total | 5 | 5.0 | 100.0 | |
| Missing | System | 96 | 95.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "General Related 2" | | | |
|------------------------------------|--------|-----------|---------|
| | | Frequency | Percent |
| Missing | System | 101 | 100.0 |

| Previous visit, ever Dissatisfied with Water Level? | | | | | |
|---|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 24 | 23.8 | 33.8 | 33.8 |
| | No | 41 | 40.6 | 57.7 | 91.5 |
| | Don't Know | 6 | 5.9 | 8.5 | 100.0 |
| | Total | 71 | 70.3 | 100.0 | |
| Missing | System | 30 | 29.7 | | |
| Total | | 101 | 100.0 | | |

| Why were you dissatisfied? | | | | | |
|----------------------------|---------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Level Related | 21 | 20.8 | 87.5 | 87.5 |
| | Access Related | 3 | 3.0 | 12.5 | 100.0 |
| | Total | 24 | 23.8 | 100.0 | |
| Missing | System | 77 | 76.2 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Water Level Related" | | | | | |
|--------------------------------------|------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/No Water | 19 | 18.8 | 90.5 | 90.5 |
| | Too Low for Recreation | 2 | 2.0 | 9.5 | 100.0 |
| | Total | 21 | 20.8 | 100.0 | |
| Missing | System | 80 | 79.2 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Access Related" | | | | | |
|---------------------------------|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Long Walk | 3 | 3.0 | 100.0 | 100.0 |
| Missing | System | 98 | 97.0 | | |
| Total | | 101 | 100.0 | | |

| Caused a Change in Recreation Plans? | | | | | |
|--------------------------------------|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 7 | 6.9 | 29.2 | 29.2 |
| | No | 17 | 16.8 | 70.8 | 100.0 |
| | Total | 24 | 23.8 | 100.0 | |
| Missing | System | 77 | 76.2 | | |
| Total | | 101 | 100.0 | | |

| What Changes did you make? | | | | | |
|----------------------------|----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activity - didn't boat | 3 | 3.0 | 42.9 | 42.9 |
| | Location Change Related | 3 | 3.0 | 42.9 | 85.7 |
| | No Response | 1 | 1.0 | 14.3 | 100.0 |
| | Total | 7 | 6.9 | 100.0 | |
| Missing | System | 94 | 93.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Location Change" | | | | | |
|----------------------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Go Home | 2 | 2.0 | 50.0 | 50.0 |
| | Other Project Reservoir | 2 | 2.0 | 50.0 | 100.0 |
| | Total | 4 | 4.0 | 100.0 | |
| Missing | System | 97 | 96.0 | | |
| Total | | 101 | 100.0 | | |

| In the Past, ever Relocated Due to Water Level? | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 9 | 8.9 | 12.7 | 12.7 |
| | No | 61 | 60.4 | 85.9 | 98.6 |
| | No Response | 1 | 1.0 | 1.4 | 100.0 |
| | Total | 71 | 70.3 | 100.0 | |
| Missing | System | 30 | 29.7 | | |
| Total | | 101 | 100.0 | | |

| What did you expect? | | | | | |
|----------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Higher/more water | 8 | 7.9 | 88.9 | 88.9 |
| | No Response | 1 | 1.0 | 11.1 | 100.0 |
| | Total | 9 | 8.9 | 100.0 | |
| Missing | System | 92 | 91.1 | | |
| Total | | 101 | 100.0 | | |

| Where did you go? | | | | | |
|-------------------|------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Within the Project Related | 7 | 6.9 | 77.8 | 77.8 |
| | Outside the Project - Wrigths Lake | 1 | 1.0 | 11.1 | 88.9 |
| | Outside ENF Related | 1 | 1.0 | 11.1 | 100.0 |
| | Total | 9 | 8.9 | 100.0 | |
| Missing | System | 92 | 91.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Within Project" | | | | | |
|---------------------------------|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake | 4 | 4.0 | 57.1 | 57.1 |
| | Gerle Creek | 1 | 1.0 | 14.3 | 71.4 |
| | Union Valley | 2 | 2.0 | 28.6 | 100.0 |
| | Total | 7 | 6.9 | 100.0 | |
| Missing | System | 94 | 93.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Outside ENF" | | | | | |
|------------------------------|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | French Meadows | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Why did you go there? | | | | | |
|-----------------------|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | For higher water | 5 | 5.0 | 55.6 | 55.6 |
| | For a more natural and satisfying appearance | 2 | 2.0 | 22.2 | 77.8 |
| | Pleasing previous trip/experience | 1 | 1.0 | 11.1 | 88.9 |
| | Nearest alternative | 1 | 1.0 | 11.1 | 100.0 |
| | Total | 9 | 8.9 | 100.0 | |
| Missing | System | 92 | 91.1 | | |
| Total | | 101 | 100.0 | | |

| What time of Year was this? | | | | | |
|-----------------------------|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Summer (June-Aug) | 5 | 5.0 | 55.6 | 55.6 |
| | Fall (Sept-Nov) | 2 | 2.0 | 22.2 | 77.8 |
| | Winter (Dec-Feb) | 1 | 1.0 | 11.1 | 88.9 |
| | No Response | 1 | 1.0 | 11.1 | 100.0 |
| | Total | 9 | 8.9 | 100.0 | |
| Missing | System | 92 | 91.1 | | |
| Total | | 101 | 100.0 | | |

| Current trip, How would you rate Overall Reservoir Appearance? | | | | | |
|--|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Very Unpleasing | 1 | 1.0 | 1.0 | 1.0 |
| | Unpleasing | 1 | 1.0 | 1.0 | 2.0 |
| | Neutral | 6 | 5.9 | 5.9 | 7.9 |
| | Pleasant | 40 | 39.6 | 39.6 | 47.5 |
| | Very Pleasant | 53 | 52.5 | 52.5 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| Does Water Level Negatively Affect Experience? | | | | | |
|--|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 1 | 1.0 | 1.0 | 1.0 |
| | No | 97 | 96.0 | 96.0 | 97.0 |
| | Don't Know | 1 | 1.0 | 1.0 | 98.0 |
| | No Response | 2 | 2.0 | 2.0 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| To what extent does Res Appearance Negatively Affect Experience? | | | | | |
|--|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| What About Res Appearance Negatively Affects Experience? | | | | | |
|--|--------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Water Appearance Related | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Water Appearance" | | | | | |
|-----------------------------------|---------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Too Low | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Prior to arriving, did you have Water Level Expectation at this Res? | | | | | |
|---|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 53 | 52.5 | 52.5 | 52.5 |
| | No | 39 | 38.6 | 38.6 | 91.1 |
| | Don't Know | 9 | 8.9 | 8.9 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| What did you expect the water level to be? | | | | | |
|---|--------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Much Lower | 1 | 1.0 | 1.9 | 1.9 |
| | Lower | 11 | 10.9 | 20.8 | 22.6 |
| | About Where it is | 34 | 33.7 | 64.2 | 86.8 |
| | Higher | 6 | 5.9 | 11.3 | 98.1 |
| | Much Higher | 1 | 1.0 | 1.9 | 100.0 |
| | Total | 53 | 52.5 | 100.0 | |
| Missing | System | 48 | 47.5 | | |
| Total | | 101 | 100.0 | | |

Appendix C.5.2 Ice House Reservoir - High Water Level

Frequency Tables

| Picture 3 ID Code | | | | | |
|-------------------|-----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ice House Picnic High | 101 | 100.0 | 100.0 | 100.0 |

| How Satisfied with Appearance? Picture 3 | | | | | |
|--|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Neutral | 5 | 5.0 | 5.0 | 5.0 |
| | Satisfied | 41 | 40.6 | 40.6 | 45.5 |
| | Very Satisfied | 55 | 54.5 | 54.5 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| Would Reservoirs Appearance Negatively Affect Experience? Picture 3 | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 1 | 1.0 | 1.0 | 1.0 |
| | No | 96 | 95.0 | 95.0 | 96.0 |
| | Don't Know | 3 | 3.0 | 3.0 | 99.0 |
| | No Response | 1 | 1.0 | 1.0 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| To What Extent Appearance Would Affect Experience? Picture 3 | | | | | |
|--|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 1 | 1.0 | 50.0 | 50.0 |
| | No Response | 1 | 1.0 | 50.0 | 100.0 |
| | Total | 2 | 2.0 | 100.0 | |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (1) | | | | | |
|--|--|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 1 | 1.0 | 50.0 | 50.0 |
| | No Response | 1 | 1.0 | 50.0 | 100.0 |
| | Total | 2 | 2.0 | 100.0 | |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 3 (1) | | | | | |
|---|----------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Too much area | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

Appendix C.5.3 Ice House Reservoir - Intermediate Water Level

Frequency Tables

| Picture 2 ID Code | | | | | |
|-------------------|-------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ice House Picnic Medium | 101 | 100.0 | 100.0 | 100.0 |

| How Satisfied with Appearance? Picture 2 | | | | | |
|--|----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dissatisfied | 12 | 11.9 | 11.9 | 11.9 |
| | Neutral | 28 | 27.7 | 27.7 | 39.6 |
| | Satisfied | 55 | 54.5 | 54.5 | 94.1 |
| | Very Satisfied | 6 | 5.9 | 5.9 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| What would you be dissatisfied with? (1) | | | | | |
|--|------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 4 | 4.0 | 33.3 | 33.3 |
| | Water Appearance Related | 7 | 6.9 | 58.3 | 91.7 |
| | Recreation Activity Related | 1 | 1.0 | 8.3 | 100.0 |
| | Total | 12 | 11.9 | 100.0 | |
| Missing | System | 89 | 88.1 | | |
| Total | | 101 | 100.0 | | |

| What would you be dissatisfied with? (2) | | | | | |
|--|-----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 1 | 1.0 | 33.3 | 33.3 |
| | Recreation Activity Related | 1 | 1.0 | 33.3 | 66.7 |
| | Environmental - low water related | 1 | 1.0 | 33.3 | 100.0 |
| | Total | 3 | 3.0 | 100.0 | |
| Missing | System | 98 | 97.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 2 (1) | | | | | |
|---|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, Barren | 2 | 2.0 | 40.0 | 40.0 |
| | Ugly, Dirty | 1 | 1.0 | 20.0 | 60.0 |
| | Rocks | 1 | 1.0 | 20.0 | 80.0 |
| | Too much Area | 1 | 1.0 | 20.0 | 100.0 |
| | Total | 5 | 5.0 | 100.0 | |
| Missing | System | 96 | 95.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Water Appearance" Picture 2 (1) | | | | | |
|---|-----------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 6 | 5.9 | 85.7 | 85.7 |
| | Other | 1 | 1.0 | 14.3 | 100.0 |
| | Total | 7 | 6.9 | 100.0 | |
| Missing | System | 94 | 93.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Rec Activity Related" Picture 2 (1) | | | | | |
|---|-----------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access - Long Walk/Distance | 1 | 1.0 | 50.0 | 50.0 |
| | Fishing | 1 | 1.0 | 50.0 | 100.0 |
| | Total | 2 | 2.0 | 100.0 | |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Cause you to Change Recreation Plans? - Picture 2 | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 5 | 5.0 | 41.7 | 41.7 |
| | No | 4 | 4.0 | 33.3 | 75.0 |
| | Don't Know | 2 | 2.0 | 16.7 | 91.7 |
| | No Response | 1 | 1.0 | 8.3 | 100.0 |
| | Total | 12 | 11.9 | 100.0 | |
| Missing | System | 89 | 88.1 | | |
| Total | | 101 | 100.0 | | |

| What changes would you make? (1) | | | | | |
|----------------------------------|---------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activities Related | 2 | 2.0 | 40.0 | 40.0 |
| | Would go where there is water related | 1 | 1.0 | 20.0 | 60.0 |
| | Would go/stay home | 2 | 2.0 | 40.0 | 100.0 |
| | Total | 5 | 5.0 | 100.0 | |
| Missing | System | 96 | 95.0 | | |
| Total | | 101 | 100.0 | | |

| What changes would you make? (2) | | | | | |
|----------------------------------|------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activities Related | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Changes in Activities" Picture 2 (1) | | | | | |
|--|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No Water Skiing | 1 | 1.0 | 50.0 | 50.0 |
| | No Swimming | 1 | 1.0 | 50.0 | 100.0 |
| | Total | 2 | 2.0 | 100.0 | |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Changes in Activities" Picture 2 (2) | | | | | |
|--|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No Fishing | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Would Go Where There is Water" Picture 2 (1) | | | | | |
|--|------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would go where there is MORE water | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Would Reservoirs Appearance Negatively Affect Experience? Picture 2 | | | | | |
|--|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 12 | 11.9 | 12.0 | 12.0 |
| | No | 77 | 76.2 | 77.0 | 89.0 |
| | Don't Know | 11 | 10.9 | 11.0 | 100.0 |
| | Total | 100 | 99.0 | 100.0 | |
| Missing | System | 1 | 1.0 | | |
| Total | | 101 | 100.0 | | |

| To What Extent Appearance Would Affect Experience? Picture 2 | | | | | |
|---|----------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 5 | 5.0 | 41.7 | 41.7 |
| | Moderately | 3 | 3.0 | 25.0 | 66.7 |
| | Significantly | 4 | 4.0 | 33.3 | 100.0 |
| | Total | 12 | 11.9 | 100.0 | |
| Missing | System | 89 | 88.1 | | |
| Total | | 101 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (1) | | | | | |
|--|---|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 7 | 6.9 | 58.3 | 58.3 |
| | Water-Appearance/Look Related | 2 | 2.0 | 16.7 | 75.0 |
| | Shore & Water-Appearance/Look - unattractive | 1 | 1.0 | 8.3 | 83.3 |
| | Recreation Activity Related | 1 | 1.0 | 8.3 | 91.7 |
| | Environmental - Ecological Health | 1 | 1.0 | 8.3 | 100.0 |
| | Total | 12 | 11.9 | 100.0 | |
| Missing | System | 89 | 88.1 | | |
| Total | | 101 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (2) | | | | | |
|---|-----------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 5 | 5.0 | 83.3 | 83.3 |
| | Water-Appearance/Look Related | 1 | 1.0 | 16.7 | 100.0 |
| | Total | 6 | 5.9 | 100.0 | |
| Missing | System | 95 | 94.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 2 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, barren, brown, mossy | 1 | 1.0 | 10.0 | 10.0 |
| | Ugly,dirty | 3 | 3.0 | 30.0 | 40.0 |
| | Rocks | 2 | 2.0 | 20.0 | 60.0 |
| | Too much area | 4 | 4.0 | 40.0 | 100.0 |
| | Total | 10 | 9.9 | 100.0 | |
| Missing | System | 91 | 90.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 2 (2) | | | | | |
|--|--------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Rocks | 2 | 2.0 | 100.0 | 100.0 |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 2 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/no water | 2 | 2.0 | 66.7 | 66.7 |
| | Puddle like, muddy, murky | 1 | 1.0 | 33.3 | 100.0 |
| | Total | 3 | 3.0 | 100.0 | |
| Missing | System | 98 | 97.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 2 (1) | | | | | |
|---|------------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Fishing/Boating | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

Appendix C.5.4 Ice House Reservoir - Low Water Level

Frequency Tables

| Picture 1 ID Code | | | | | |
|-------------------|----------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ice House Picnic Low | 101 | 100.0 | 100.0 | 100.0 |

| How Satisfied with Appearance? Picture 1 | | | | | |
|--|-------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Very Dissatisfied | 15 | 14.9 | 14.9 | 14.9 |
| | Dissatisfied | 41 | 40.6 | 40.6 | 55.4 |
| | Neutral | 36 | 35.6 | 35.6 | 91.1 |
| | Satisfied | 7 | 6.9 | 6.9 | 98.0 |
| | Very Satisfied | 2 | 2.0 | 2.0 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| What would you be dissatisfied with? (1) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 15 | 14.9 | 26.8 | 26.8 |
| | Water Appearance Related | 25 | 24.8 | 44.6 | 71.4 |
| | Recreation Activity Related | 7 | 6.9 | 12.5 | 83.9 |
| | Environmental - low water related | 4 | 4.0 | 7.1 | 91.1 |
| | General - Unattractive/unappealing visually | 2 | 2.0 | 3.6 | 94.6 |
| | No Response | 3 | 3.0 | 5.4 | 100.0 |
| | Total | 56 | 55.4 | 100.0 | |
| Missing | System | 45 | 44.6 | | |
| Total | | 101 | 100.0 | | |

| What would you be dissatisfied with? (2) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline Appearance Related | 3 | 3.0 | 25.0 | 25.0 |
| | Water Appearance Related | 3 | 3.0 | 25.0 | 50.0 |
| | Recreation Activity Related | 4 | 4.0 | 33.3 | 83.3 |
| | General - Unattractive/unappealing visually | 1 | 1.0 | 8.3 | 91.7 |
| | No Response | 1 | 1.0 | 8.3 | 100.0 |
| | Total | 12 | 11.9 | 100.0 | |
| Missing | System | 89 | 88.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 1 (1) | | | | | |
|---|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, Barren | 4 | 4.0 | 23.5 | 23.5 |
| | Ugly, Dirty | 3 | 3.0 | 17.6 | 41.2 |
| | Rocks | 2 | 2.0 | 11.8 | 52.9 |
| | Too much Area | 7 | 6.9 | 41.2 | 94.1 |
| | Other | 1 | 1.0 | 5.9 | 100.0 |
| | Total | 17 | 16.8 | 100.0 | |
| Missing | System | 84 | 83.2 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Shoreline Appearance" Picture 1 (2) | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ugly, Dirty | 1 | 1.0 | 100.0 | 100.0 |
| Missing | System | 100 | 99.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Water Appearance" Picture 1 (1) | | | | | |
|---|---------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low Water | 24 | 23.8 | 85.7 | 85.7 |
| | Puddle-like, Muddy, Murky | 2 | 2.0 | 7.1 | 92.9 |
| | Boulders/Rocks, Stumps in Water | 1 | 1.0 | 3.6 | 96.4 |
| | Other | 1 | 1.0 | 3.6 | 100.0 |
| | Total | 28 | 27.7 | 100.0 | |
| Missing | System | 73 | 72.3 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Rec Activity Related" Picture 1 (1) | | | | | |
|---|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access - Long Walk/Distance | 1 | 1.0 | 9.1 | 9.1 |
| | Swimming (Includes tanning) | 2 | 2.0 | 18.2 | 27.3 |
| | Boating - Launching | 1 | 1.0 | 9.1 | 36.4 |
| | Boating/Swimming (Includes tanning) | 1 | 1.0 | 9.1 | 45.5 |
| | Fishing | 3 | 3.0 | 27.3 | 72.7 |
| | General Interference with Recreational Activities | 2 | 2.0 | 18.2 | 90.9 |
| | Too low to Water Ski | 1 | 1.0 | 9.1 | 100.0 |
| | Total | 11 | 10.9 | 100.0 | |
| Missing | System | 90 | 89.1 | | |
| Total | | 101 | 100.0 | | |

| Cause you to Change Recreation Plans? - Picture 1 | | | | | |
|---|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 25 | 24.8 | 44.6 | 44.6 |
| | No | 16 | 15.8 | 28.6 | 73.2 |
| | Don't Know | 12 | 11.9 | 21.4 | 94.6 |
| | No Response | 3 | 3.0 | 5.4 | 100.0 |
| | Total | 56 | 55.4 | 100.0 | |
| Missing | System | 45 | 44.6 | | |
| Total | | 101 | 100.0 | | |

| What changes would you make? (1) | | | | | |
|----------------------------------|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Change in Activities Related | 6 | 5.9 | 23.1 | 23.1 |
| | Would Move to Another Project Res Related | 4 | 4.0 | 15.4 | 38.5 |
| | Would go where there is water related | 4 | 4.0 | 15.4 | 53.8 |
| | Would go/stay home | 11 | 10.9 | 42.3 | 96.2 |
| | No Response | 1 | 1.0 | 3.8 | 100.0 |
| | Total | 26 | 25.7 | 100.0 | |
| Missing | System | 75 | 74.3 | | |
| Total | | 101 | 100.0 | | |

| What changes would you make? (2) | | | | | |
|----------------------------------|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would Move to Another Project Res Related | 1 | 1.0 | 25.0 | 25.0 |
| | Would Move Outside ENF Related | 2 | 2.0 | 50.0 | 75.0 |
| | Would go/stay home | 1 | 1.0 | 25.0 | 100.0 |
| | Total | 4 | 4.0 | 100.0 | |
| Missing | System | 97 | 96.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Changes in Activities" Picture 1 (1) | | | | | |
|--|------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | No Boating | 5 | 5.0 | 83.3 | 83.3 |
| | No Fishing | 1 | 1.0 | 16.7 | 100.0 |
| | Total | 6 | 5.9 | 100.0 | |
| Missing | System | 95 | 94.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Would Move to Another Project Res" Picture 1 (1) | | | | | |
|--|-------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Gerle Creek | 2 | 2.0 | 66.7 | 66.7 |
| | Loon Lake | 1 | 1.0 | 33.3 | 100.0 |
| | Total | 3 | 3.0 | 100.0 | |
| Missing | System | 98 | 97.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Would Move to Another Project Res" Picture 1 (2) | | | | | |
|--|--------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Loon Lake | 1 | 1.0 | 50.0 | 50.0 |
| | Union Valley | 1 | 1.0 | 50.0 | 100.0 |
| | Total | 2 | 2.0 | 100.0 | |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Would Move Outside ENF" Picture 1 (1) | | | | | |
|---|-----------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Tahoe | 1 | 1.0 | 50.0 | 50.0 |
| | Jackson Meadows | 1 | 1.0 | 50.0 | 100.0 |
| | Total | 2 | 2.0 | 100.0 | |
| Missing | System | 99 | 98.0 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Would Go Where There is Water" Picture 1 (1) | | | | | |
|--|------------------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Would go where there is MORE water | 4 | 4.0 | 100.0 | 100.0 |
| Missing | System | 97 | 96.0 | | |
| Total | | 101 | 100.0 | | |

| Would Reservoirs Appearance Negatively Affect Experience? Picture 1 | | | | | |
|--|-------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Yes | 47 | 46.5 | 46.5 | 46.5 |
| | No | 29 | 28.7 | 28.7 | 75.2 |
| | Don't Know | 25 | 24.8 | 24.8 | 100.0 |
| | Total | 101 | 100.0 | 100.0 | |

| To What Extent Appearance Would Affect Experience? Picture 1 | | | | | |
|---|----------------------|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Minimally | 16 | 15.8 | 34.0 | 34.0 |
| | Moderately | 20 | 19.8 | 42.6 | 76.6 |
| | Significantly | 11 | 10.9 | 23.4 | 100.0 |
| | Total | 47 | 46.5 | 100.0 | |
| Missing | System | 54 | 53.5 | | |
| Total | | 101 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (1) | | | | | |
|--|---|------------------|----------------|----------------------|---------------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 21 | 20.8 | 44.7 | 44.7 |
| | Water-Appearance/Look Related | 12 | 11.9 | 25.5 | 70.2 |
| | Shore & Water-Appearance/Look - unattractive | 8 | 7.9 | 17.0 | 87.2 |
| | Recreation Activity Related | 4 | 4.0 | 8.5 | 95.7 |
| | Environmental - Ecological Health | 2 | 2.0 | 4.3 | 100.0 |
| | Total | | 47 | 46.5 | 100.0 |
| Missing | System | 54 | 53.5 | | |
| Total | | 101 | 100.0 | | |

| What is it about the Appearance that would Negatively affect your Experience? (2) | | | | | |
|---|--|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Shoreline-Appearance/Look Related | 19 | 18.8 | 63.3 | 63.3 |
| | Water-Appearance/Look Related | 4 | 4.0 | 13.3 | 76.7 |
| | Shore & Water-Appearance/Look - unattractive | 1 | 1.0 | 3.3 | 80.0 |
| | Recreation Activity Related | 5 | 5.0 | 16.7 | 96.7 |
| | Environmental - Ecological Health | 1 | 1.0 | 3.3 | 100.0 |
| | Total | 30 | 29.7 | 100.0 | |
| Missing | System | 71 | 70.3 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 1 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Dry, barren, brown, mossy | 12 | 11.9 | 35.3 | 35.3 |
| | Ugly,dirty | 4 | 4.0 | 11.8 | 47.1 |
| | Rocks | 5 | 5.0 | 14.7 | 61.8 |
| | Stumps | 1 | 1.0 | 2.9 | 64.7 |
| | Too much area | 11 | 10.9 | 32.4 | 97.1 |
| | Other | 1 | 1.0 | 2.9 | 100.0 |
| | Total | 34 | 33.7 | 100.0 | |
| Missing | System | 67 | 66.3 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Shoreline-Appearance/Look" Picture 1 (2) | | | | | |
|--|---------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Ugly,dirty | 2 | 2.0 | 33.3 | 33.3 |
| | Stumps | 1 | 1.0 | 16.7 | 50.0 |
| | Too much area | 3 | 3.0 | 50.0 | 100.0 |
| | Total | 6 | 5.9 | 100.0 | |
| Missing | System | 95 | 94.1 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Water-Appearance/Look" Picture 1 (1) | | | | | |
|--|---------------------------|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Low/no water | 13 | 12.9 | 81.3 | 81.3 |
| | Puddle like, muddy, murky | 3 | 3.0 | 18.8 | 100.0 |
| | Total | 16 | 15.8 | 100.0 | |
| Missing | System | 85 | 84.2 | | |
| Total | | 101 | 100.0 | | |

| Drill down for "Recreation Activity Related" Picture 1 (1) | | | | | |
|--|---|-----------|---------|---------------|--------------------|
| | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | Access-Long Walk/Distance | 1 | 1.0 | 11.1 | 11.1 |
| | Boating | 4 | 4.0 | 44.4 | 55.6 |
| | Boating/Swimming | 1 | 1.0 | 11.1 | 66.7 |
| | Fishing | 1 | 1.0 | 11.1 | 77.8 |
| | General interference with Recreation Activities (non-spec.) | 2 | 2.0 | 22.2 | 100.0 |
| | Total | 9 | 8.9 | 100.0 | |
| Missing | System | 92 | 91.1 | | |
| Total | | 101 | 100.0 | | |