

# **REPORT ON RECREATIONAL RESOURCES**

## **El Dorado Hydroelectric Project FERC No. 184**

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## **REPORT ON RECREATIONAL RESOURCES**

This report is submitted in compliance with the El Dorado Hydroelectric Project FERC License Condition No. 47, which states:

*The licensee shall conduct a Recreational Survey and prepare a Report on Recreational Resources that is approved by the USFS every 6 years from the date of license issuance. The Recreational Survey shall include, but not be limited to, changes in kinds of use and use patterns, levels of use, user survey as to preferences in recreation activities, kinds and sizes of recreation vehicles, preference for day use versus overnight use, carry capacity information sufficient to indicate changes in capacity, and recreation user trends within the Project area. The Report on Recreational Resources shall comply with FERC's regulations at 18 CFR section 4.51 (f) (1996), or as amended, and shall be provided to USFS for review and comment prior to being filed with FERC. Within 1 year of submission of the Report on Recreation Resources, the USFS, ERC, and other interested parties will meet to discuss the results of the Report and make recommendations to address the findings. In accordance with Condition No. 4, the USFS reserves the authority to require changes in the Project and its operation to accomplish protection and utilization of National Forest resources identified as a result of these surveys.*

Per Condition No. 47, this report is also submitted in compliance with FERC Regulations 18 CFR section 4.51 (f)(5) (1996), as amended, which states:

**(5) Report on recreational resources.** The report must discuss existing and proposed recreational facilities and opportunities at the project. The report must be prepared in consultation with local, state, and regional recreation agencies and planning commissions, the National Park Service, and any other state or Federal agency with managerial authority over any part of the project lands. Consultation must be documented by appending to the report a letter from each agency consulted indicating the nature, extent, and results of the consultation. The report must contain:

- (i) A description of any existing recreational facilities at the project, indicating whether the facilities are available for public use;
- (ii) An estimate of existing and potential recreational use of the project area, in daytime and overnight visits;
- (iii) A description of any measures or facilities recommended by the agencies consulted for the purpose of creating, preserving, or enhancing recreational opportunities at the project and in its vicinity (including opportunities for the handicapped), and for the purpose of ensuring the safety of the public in its use of project lands and waters;
- (iv) A statement of the existing measures or facilities to be continued or maintained and the new measures or facilities proposed by the applicant for the purpose of creating, preserving, or enhancing recreational opportunities at the project and in its vicinity, and for the purpose of ensuring the safety of the public in its use of project lands and waters, including an explanation of why the applicant has rejected any measures or facilities recommended by an agency and described under paragraph (f)(5)(iii) of this section; and
- (v) The following materials and information regarding the measures and facilities identified under paragraphs (f)(5) (i) and (iv) of this section:
  - (A) Identification of the entities responsible for implementing, constructing, operating, or maintaining any existing or proposed measures or facilities;
  - (B) A schedule showing the intervals following issuance of a license at which implementation of the measures or construction of the facilities would be commenced and completed;
  - (C) An estimate of the costs of construction, operation, and maintenance of any proposed facilities, including a statement of the sources and extent of financing;
  - (D) A map or drawing that conforms to the size, scale, and legibility requirements of § 4.39 showing by the use of shading, cross-hatching, or other symbols the identity and location of any facilities, and indicating whether each facility is existing or proposed (the maps or drawings in this exhibit may be consolidated); and
  - (vi) A description of any areas within or in the vicinity of the proposed project boundary that are included in, or have been designated for study for inclusion in, the National Wild and Scenic Rivers System, or that have been designated as wilderness area, recommended for such designation, or designated as a wilderness study area under the Wilderness Act.

## **Introduction**

This Report on Recreational Resources is required every 6 years by United States Department of Agriculture, Forest Service (USDA-FS or FS) 4(e) Condition 47 of the FERC license for the El Dorado Hydroelectric Project (FERC Project No. 184, Project 184), which is owned and operated by the El Dorado Irrigation District (EID or District). Condition 47 requires that this report comply with FERC's regulations at 18 CFR 4.51 (f) (1996), as amended. The information provided supplements a detailed recreation survey data compiled as part of relicensing Project 184 by providing additional information on: (1) current and potential recreational use at recreation sites associated with the project; (2) measures recommended by agencies; (3) existing and proposed maintenance measures; and (4) proposed development schedules and projected costs.

The following report is organized into six sections:

- 1.0 Existing Recreational Facilities [4.51 (5)(i)]
- 2.0 Estimate of Existing and Potential Future Recreational Use [4.51 (5)(ii)]
- 3.0 A Description of Measures Recommended by the Agencies [4.51 (5)(iii)]
- 4.0 Existing and Proposed Maintenance Measures [4.51 (5)(iv)]
- 5.0 Recreation Management Agencies, Development Schedules, and Projected Costs [4.51 (5)(v)]
- 6.0 Wilderness Areas [4.51 (5)(vi)]

### AGENCY CONSULTATION

As required, the information included herein was prepared in consultation with the USDA-FS, Eldorado National Forest and Lake Tahoe Basin Management Unit as summarized in Appendix A. The FERC license 4(e) Condition 47 requires a meeting with the USDA-FS and the Ecological Resources Committee (ERC) within one year of report submittal to FERC. This meeting is anticipated between April 1, 2015 and March 30, 2016. During this meeting, the District will review the results of this report in more detail with the recreation specialists of the USDA-FS and other stakeholders involved with the ERC and document any action items or results of this meeting. This consultation documentation will be appended to the report and submitted to FERC.

### **1.0 EXISTING AND PROPOSED RECREATIONAL FACILITIES**

#### **1.1.1 EXISTING RECREATION FACILITIES**

This section provides a summary of the existing recreational facilities associated with Project 184. Section 6.0 of El Dorado Irrigation District's (District's) *Application for New License for Major Project - Existing Dam, Volume 3 Exhibit E* (2000, Exhibit E) describes in detail the existing recreation opportunities and recreation facilities that are

associated with Project 184.. Based on the FERC license, the recreation facilities associated with Project 184 include: Silver Lake East Campground, Silver Lake West Campground, Caples Lake Campground, Caples Lake Dam Parking , Caples Lake Boat Launching Facility, Information Kiosk on Highway 88, Martin Meadow Overflow Camping Area, Echo Lakes Upper Parking Facility, Pacific Crest National Scenic Trail Crossing, Ferguson Point, Sandy Cove, and Woods Creek Fishing Access

Figure 1 presents a map showing the locations of recreation facilities associated with Project 184.

The recreation facilities and opportunities associated with the Project have been modified since the license was issued in 2006. These improvements resulted from implementing the FERC license conditions and are described below.

1. **Caples Lake Dam Parking:** EID requested a 5-year time extension to complete items laid out in FERC Condition No. 50 of the license (see Appendix A - Agency Consultation). The bear-proof trash-can has been installed. All other improvements are scheduled for completion by 2016 (see below).
2. **Caples Lake Boat Launching Facility:** In compliance with Condition No. 50 of the license, work on the Boat Launching Facility was completed in 2009 through a grant from the California Department of Boating and Waterways. An inter-agency team coordinated all aspects of facility development. The facility now includes:
  - 31 paved pull through parking stalls
  - 15 paved single parking stalls
  - Two lane concrete boat launch
  - Large courtesy dock
  - 6 picnic sites with BBQ grills and concrete cast tables
  - Concrete cast vault restrooms
  - Running water
  - Interpretive signage
  - Native plants and trees
  - Pay phone
  - Wi-Fi hotspot

ADA amenities include:

- 2 paved van accessible pull through parking stalls
  - 1 paved van accessible parking stall
  - Accessible restrooms
  - Ramp access to picnic areas
  - Access to running water
  - Boat loading dock
  - Ramp and grab rails on courtesy dock
  - Identifying walkways
3. **Information Kiosk on Highway 88:** In compliance with Condition No. 50 of the license and in consultation with the USDA-FS, EID upgraded an

Information Kiosk at Caples Lake Dam Parking in 2012. EID maintains the kiosk and posts information materials as provided by the USDA-FS.

4. **Martin Meadow Overflow Camping Area:** In compliance with Condition No. 50 of the license and in consultation with the USDA-FS, EID worked with the USDA Forest Service to place rock barriers to restrict uncontrolled vehicle travel within this site during 2012. EID also graded the road surface in 2013.

#### 1.1.2 PROPOSED RECREATION FACILITIES

The following upgrades to recreation facilities were required by the 2006 FERC license and are scheduled to be completed in 2016, within 10 years of license issuance. All the following proposed facilities will be designed and constructed to meet current USFS design standards and the USDA Forest Service Region 5 access standards and the Americans with Disabilities Act. Condition No. 50 of the license states “The construction of the following recreation facilities is to be completed by the licensee at the recreation sites listed below. The construction schedule will be approved by the FS. The FS will be responsible for survey, design, contract preparation, and contract administration of the facilities; the licensee will be responsible for funding these items.”

1. **Silver Lake East Campground:** The FERC license identifies the specific elements of this condition:
  - Replace all toilets with accessible toilets relocated to reduce the distance from camp units to the toilets and to avoid the steeper road grades. Construct paved parking turnouts in front of each toilet with a paved access route to the toilet.
  - Replace and relocate adjacent to the roadway all faucet units with accessible ones. Construct a paved area at all the faucet units to the most current accessibility standards.
  - Widen spurs for units 2, 3, 4, 8, 9, 11, 13, 14, 19, 20, 29, 44, 46, 47, 48, 49, 50, 51, 52, and 53 to meet most current accessibility standards. Re-construct and pave all spurs.
  - Prepare existing campground roads for resurfacing by patching, scarifying, or other methods, as determined by the FS. Place asphalt overlay on campground road.
  - Replace all waterlines, including the distribution lines within the campground and the collection lines from the source to the facility.
2. **Caples Lake Campground:** The FERC license identifies the specific elements of this condition:
  - Replace existing toilets with 4 single-unit accessible vault toilets. Relocate the new toilets to provide for easier access and less distance from the camp units. Also construct a paved parking turnout in front of each toilet for servicing and for parking access.
  - Replace and relocate all the faucet units adjacent to the roadway. Provide a level and paved pad in front and on the sides of the faucet unit.
  - For all pathways between camp units and spurs/roadway, remove ground protrusions, re-grade and widen the pathways, and compact the native surface where feasible and deemed appropriate by the FS. Meet most current grade and



cross-slope accessibility standards for access to units 2, 3, 4, 5, 7, 11, 23, 24, 33, 34, and 35.

- Widen spurs where feasible to meet most current accessibility standards. Re-construct and pave all spurs.
- Prepare existing campground roads for resurfacing by patching, scarifying, or other methods, as determined by the FS. Place asphalt overlay on campground road.
- Remove obstacles and protrusions, and level and compact the native surface at each camp unit. Enlarge the camp units to a minimum of 900 square feet where feasible and when deemed appropriate by the FS. Grades of all the camp units shall be re-constructed to the most current accessibility standards including clear space around facilities.
- Replace all waterlines, including the distribution lines within the campground and the collection lines from the source to the facility.

**3. Caples Lake Dam Parking:** The District is responsible for one-half of the cost of the specific elements of this condition, as described in the FERC license:

- Replace the toilet seats with 18-inch high seats.
- Install approved accessible signing on the exterior of the toilet.
- Construct a van-accessible parking space near the toilet, with required markings and signage

**4. Echo Lakes Upper Parking Facility:** The District is responsible for one-half of the cost of the specific elements of this condition, as described in the FERC license:

- Prepare existing parking facility for resurfacing by patching, scarifying, or other methods, as determined by the FS.
- Place asphalt overlay on parking area.

**5. Pacific Crest National Scenic Trail Crossing:**

- Construct a crossing for the Pacific Crest National Scenic Trail across the Echo Conduit

**Licensee Recreation Sites ADA accessibility standards:** In 2012, the District completed an ADA Self-Evaluation and Transition Plan which will assist to identify policy, program and physical barriers to accessibility and to develop barrier removal solutions that will facilitate the opportunity of access to all individuals. The Plan identifies the District's programs, activities, and services; and reviews the policies, practices, and procedures that govern the administration of the District's programs, activities, and services. The Plan sets forth specific requirements for preparation of an acceptable Transition Plan. This plan includes:

- A list of the physical barriers in the District's facilities that limit the accessibility of its programs, activities, or services to individuals with disabilities;

- A detailed outline of the methods to be used to remove these barriers and make the facilities accessible;
- Planning level cost estimates for their removal;
- A schedule for taking the steps necessary to achieve compliance with the ADA, Title II.

Specific steps and associated costs, recommended to be taken at Licensee Recreation Sites are as follows:

<b>FACILITY NAME</b>	<b>ESTIMATED COST*</b>
<b>CAPLES LAKE BOAT LAUNCHING FACILITY</b>	
5-1 Ramp	
Install or modify handrails	\$5,000
6-1 Stairway	
Install or modify handrails	\$5,000
6-2 Stairway	
Install or modify handrails	\$5,000
8-1 Door/Gate	
Increase or provide maneuvering or clear floor area	\$2,000
20-1 Single User Restroom	
Install California State sign	\$500
<b>SILVER LAKE - BOAT LAUNCH</b>	
1-1 Parking Area	
Install sign	\$500
20-1 Single User Restroom	
Replace or modify grab bars	\$1,000
Increase or provide maneuvering or clear floor area	\$2,000
32-1 Picnic Area	
Provide an accessible table	\$2,500
<b>SILVER LAKE - SANDY COVE</b>	
1-1 Parking Area	
Install sign	\$500
Install sign: van and max fine	\$500
8-1 Door/Gate	
Increase or provide maneuvering or clear floor area	\$2,000
20-1 Single User Restroom	
Install sign	\$500
Replace or reposition fixtures	\$1500
Replace or reposition dispensers or mirrors	\$150
32-1 Picnic Area	

<b>FACILITY NAME</b>	<b>ESTIMATED COST*</b>
Provide an accessible table	\$2500
<b>SILVER LAKE - WEST CAMPGROUND</b>	
1-1 Parking Area	
Provide or modify accessible spaces	\$2000
8-1 Door/Gate	
Increase or provide maneuvering or clear floor area	\$2000
20-1 Single User Restroom	
Provide an accessible path of travel	\$10000
Increase or provide maneuvering or clear floor area	\$2000
Install sign	\$500
32-1 Picnic Area	
Provide an accessible table	\$2500
37-1 Utilities in Recreation Areas	
Modify operating mechanism	\$1000

\*EID ADA Self-Evaluation and Transition Plan” October 2012.

The District is in the process of implementing numerous recreation improvements as described in the ADA Self-Evaluation and Transition Plan. These improvements are scheduled for implementation as described below in Section 5.0.

## 2.0 ESTIMATE OF EXISTING AND POTENTIAL RECREATION USE OF THE PROJECT AREA

### 2.1 SUMMARY OF DATA SOURCES

This section provides a summary of the data sources that were obtained, reviewed and analyzed to estimate the existing and potential recreational use in daytime and overnight visits. These data sources are summarized below.

#### 2.1.1 CAMPGROUND OCCUPANCY USE LOGS (USDA-FS)

Campground Occupancy Use Logs were provided by the USDA-FS Eldorado National Forest (ENF) for Silver Lake East and Caples Lake Campgrounds for the year 2014. Operation and maintenance of these campgrounds is done by a campground concessionaire under a Special Use Permit. . The concessionaire is responsible for tracking the daily use levels in these campgrounds. Occupancy use logs that track the number of campsites occupied per night, the number of individuals per campsite per night and the type of user equipment, i.e .tent, vehicle w/trailer, RV, is maintained and was provided by the campground concessionaire for the years 2009 - 2013.

### 2.1.2 RECREATION OCCUPANCY USE DATA (EL DORADO IRRIGATION DISTRICT)

Overnight recreation use data was provided by EID for Silver Lake West Campground. Day-use vehicle counts for the Silver Lake Boat Launching Facility and Silver Lake day use area (Silver Lake Dam, Sandy Cove and adjacent parking area) were obtained by the licensee from 2013 and 2014. Day-use vehicle counts for Caples Lake Boat Launching Facility were obtained from the licensee from May 10, through October 31 2014. Counts include the date and number of vehicle/trailer pull through parking stalls occupied and single vehicle parking stalls occupied. Day-use recreation data were also obtained by EID in 2014, as part of a recreation user study in the Project area. The parameters of the survey were discussed with the USDA-FS as part of a meeting in December 2013 (see Appendix A - Agency Consultation). The study questioned 40 summer recreation visitors in the Project area. The visitor questionnaires asked recreationists a number of questions about their recreational use including the number of people in their party and the types of recreational activities in which they participated during their visit. An example survey form is provided in Appendix B. The results of this study are reported in Tables 5 and 6. Table 5 presents an overview of activities recreationists participated in during their visits and Table 6 summarizes vehicle counts that were conducted at select recreational facilities in 2014. The date and time, and the number of vehicles were recorded at Caples Lake Dam Parking, Caples Lake Boat Launching Facility and Sandy Cove.

### 2.1.3 DESOLATION WILDERNESS PERMITS FOR LAKE ALOHA (USDA-FS PACIFIC RANGER DISTRICT)

*Permits, Quotas, and Group Size.* Visitors entering the Desolation Wilderness for either day use or overnight use must obtain a permit to do so from the Forest Service. The permit system was implemented to: 1) provide an opportunity to contact Wilderness visitors before entry in order to explain the rules for the area; and 2) to collect data about use in order to help identify management problems and evaluate solutions (USDA-FS 1998). The number of permits issued each year (permit returns) provides the Forest Service with information that is later used to estimate use. The USDA-FS Pacific Ranger District provided overnight permit data for Lake Aloha and trail use data for Echo Lake Trail.

### 2.1.4 RECREATION OCCUPANCY USE DATA (LAKE TAHOE BASIN MANAGEMENT UNIT)

Informal observations and estimates of Recreation Use Data were also provided by the Lake Tahoe Basin Management Unit for the Echo Lakes Upper Parking Facility. The owners of the Echo Lake Chalet were contacted for informal observations and feedback concerning recreation use at Echo Lakes Trailhead, the Echo Lakes Upper Parking Facility, and Pacific Crest Trail Crossing of the Echo Lake Conduit.

### 2.1.5 USDA-FS NATIONAL VISITOR USE MONITORING (NVUM), REGION 5 ELDORADO NATIONAL FOREST

The NVUM project is a nationwide effort designed to better understand recreational use and user satisfaction within all of the national forests. The ENF participated in the

NVUM project from in 2012 by conducting on-site interviews and sampling of recreation visitors to obtain recreational use and user satisfaction data. Based on the data collected, the USDA-FS, Region 5 published a report entitled *National Visitor Use Monitoring Results, Eldorado National Forest* (NVUM report) in 2012. The NVUM report for the ENF includes tables with estimates of annual recreation visits to the ENF. The NVUM report also obtained detailed visitor satisfaction data including data concerning Silver Lake Campground, Caples Lake Parking Area and the Echo Lake Trailhead. This data was used in conjunction with population forecasts to estimate potential future recreational visits to the Project area. The NVUM Report can be accessed at <http://apps.fs.usda.gov/nrm/nvum/results/A05003.aspx/Round3>.

#### 2.1.6 ELDORADO NATIONAL FOREST RECREATION FACILITIES ANALYSIS (RFA)

The RFA project was a nationwide effort designed to display the tasks needed over a five year period (through 2013) to bring the forest recreation infrastructure into alignment with the resources available to operate and maintain it to standard. The purpose included outlining proposals specific to individual developed recreation sites. The RFA includes a recreation site priority ranking report, site specific tasks identified under a 5-year proposed program of work and Programmatic Actions to be achieved over a five year period.

#### 2.1.7 CONSULTATION DATA

Consultation was conducted with representatives from the ENF and Lake Tahoe Basin Management Unit (LTBMU) to obtain information on occupancy levels of recreational sites in the Project area, and on seasonal recreational use during the fall, winter and spring. A record of the consultation activity is provided in Appendix A.

#### 2.1.8 OUTDOOR RECREATION IN AMERICA 2014: OUTDOOR RECREATION PARTICIPATION TOPLINE REPORT 2014

The Outdoor Foundation is a not-for-profit 501(c) (3) established by Outdoor Industry Association to inspire and grow future generations of outdoor enthusiasts. This study is the eighth in a series of nationwide surveys tracking Americans' participation in outdoor recreation, including youth and adult participation, demographics, and trends in popular outdoor activities. The study showed that a record number of Americans participated in at least one outdoor activity in 2013 with nearly 50 percent of all Americans ages six and older enjoying the outdoors.

### 2.2 ASSESSMENT OF EXISTING RECREATIONAL USE

This section provides: (1) an assessment of existing recreational use for developed and undeveloped sites in the Project area; (2) a summary of recreational use by activity type for formal and informal recreational sites; and (3) a description of recreational use in the spring, winter and fall.

### 2.2.1 METHODOLOGY - EXISTING RECREATIONAL USE ASSESSMENT

Developed sites: Existing recreational use for developed facilities (Silver Lake West and East Campgrounds, and Caples Lake Campground) was determined using campground occupancy logs provided by the ENF for the year 2014, the concessionaire for the years 2009 - 2013 and EID for the year 2014. Existing Recreation Use for Lake Aloha in the Desolation Wilderness was determined by Wilderness Permits for Lake Aloha issued by USFS National Reservation Service. Summary tables of the occupancy data provided by the ENF and the concessionaire for these overnight campgrounds and locations are provided in Tables 1 -4, respectively. Recreational use was determined in terms of number of occupied campsites, number of individuals in the campground and type of equipment used i.e. tent, auto w/trailer, RV.

Undeveloped sites: Existing recreational use for undeveloped recreational sites was calculated using data from the 2014 EID Recreation Survey, field observations and estimates and supplemented by the 2012 National Visitor Use Report, and ENF. The 2014 recreational use survey asked the survey respondents to indicate whether their visit included an overnight stay. Based on the responses to this question the percentage of overnight visitation and day-use visitation in the Project area was determined. The total number of recreational-user days during the peak recreation season at undeveloped sites (day-use locations) was calculated by applying the percentages of overnight visitation and day-use visitation to the 2014 overnight occupancy data provided by the ENF. Campground occupancy from the 2014 EID and ENF data provided a baseline of the total number of recreation days at developed facilities (overnight visitation) during the peak recreation season between June 16 through September 1.

Specific Facilities: Recreational use at specific facilities is supplemented using the following additional data sets:

- The USDA-FS-ENF 2012 NVUM Visitor Use Report estimates visitor use at recreational facilities throughout the ENF including project facilities. This report was reviewed to verify the annual overnight recreational use at campgrounds and daytime visits at the project-related facilities.
- Vehicle counts conducted between May 10 and October 31 2014 provides information on daytime visitation at Caples Lake Boat Launching Facility.
- Vehicle counts conducted during the 2013 and 2014 recreation seasons at Silver Lake Boat Launching Facility and the Silver Lake day use area which is comprised of Silver Lake Dam, Sandy Cove and adjacent parking area.

Use by Activity: Recreational use by activity was determined using 2014 survey data and the 2012 NVUM survey data. The 2014 survey respondents were asked to identify the recreational activities they engaged in on their trip. Based on the responses, the activities that the respondents engaged in were identified and the percentages of the

respondents that participated in an activity were determined. Activity types were determined for formal (developed) and informal (undeveloped) recreational sites.

A narrative summary of the seasonal recreation opportunities and activities in the spring, winter and fall is provided based on information presented in the Exhibit E Report and supplemented through consultation with the USDA-FS staff.

## **2.3 RESULTS – EXISTING RECREATIONAL USE ASSESSMENT**

### **2.3.1 EXISTING RECREATIONAL USE AT OVERNIGHT FACILITIES (CAMPGROUNDS)**

#### **Silver Lake West Campground**

Silver Lake West Campground is operated by the District and located on Highway 88, 52 miles east of Jackson, across from the Silver Lake East Campground. The Silver Lake West Campground consists of 42 sites for tents, and trailers and RVs up to 24 feet and has a total capacity of 252 overnight visitors. Each site is equipped with picnic tables, fire rings, grills, and bear boxes. The campground is generally open from mid-May through mid-October, weather permitting.

Based on the 2014 EID campground occupancy use logs, the total overnight campsites occupied at Silver Lake West Campground during the peak recreation season was 1,562 (consisting of 48 weekend nights and 240 week nights). EID estimates that the average annual campsite occupancy percent at Silver Lake West Campground ranges from 2.8% to 100%. Table 1, included at the end of this report, presents a summary of campsite overnight use at Silver Lake West Campground.

#### **Silver Lake East Campground**

Silver Lake East Campground is located on Highway 88, just north of Silver Lake and about 52 miles east of Jackson, and operated by US Forest Service. The campground contains 62 campsites, each of which is equipped with picnic tables, fire rings, grills, and some bear boxes, with a total capacity of 372. Twenty-eight of the 62 campsites are considered tent units and thirty-four of the sites are appropriate for tents, trailers or RVs up to 40 feet. Each site is limited to a maximum of two vehicles and six people. The campground is generally open from June 1<sup>st</sup> through October 15<sup>th</sup>, weather permitting.

The following table displays the use at the campground 2009 – 2013 and the type of camping equipment used for the years 2009 – 2014.

Year (season)	Sites Occupied	Total # People	Avg People/Site	Tent	RV and Camper	Towed Trailer
2009 (5/21-10/21)	4210	15418	3.7	51%	18%	31%
2010 (6/9-10/22)*	3721	13001	3.5	53%	17%	30%
2011 (6/24-10/16)**	3290	11364	3.5	53%	18%	29%
2012 (5/23-10/20)	3741	13635	3.6	54%	18%	28%
2013 (5/23-10/06)	3776	14177	3.8	54%	17%	29%
2014 (5/22-10/17)***	4412	15883	3.6			

\*2010 season began late due to inclement weather

\*\*2011 season began late due to inclement weather

\*\*\* 2014 data included number of campsites occupied only. The avg people/site was derived from the average of the previous 5 years of actual data. The total # of people is the result of multiplying that figure by the actual campsites occupied in 2014.

Summary of campsite occupancy at Silver Lake:

The average number of people camping at Silver Lake campground over the six year study was 13,904. The deviation from average ranges from 18.3% below average to 14.2% over average. The change is not linear over time. In addition, weather anomalies affected the potential use. In general, the use counts show that occupancy is highest between the last week of June thru the first week of August and is often at capacity during this period on weekends. The individual campsite occupancy has stayed consistent around 3.6 people per site over the six year sample period. The distribution of type of camping equipment that recreationists use at Silver Lake campground has remained consistent.

### Caples Lake Campground

Caples Lake Campground is located on Highway 88, directly across from the Caples Lake Resort. The campground contains 35 family campsites, each of which is equipped with a picnic table and fire ring. The campground is located on Forest Service land and



is operated by a concessionaire under a Special Use Permit. The campground is open June 1st through October 15<sup>th</sup>, weather permitting, with a total capacity of 210.

The following table displays the use at the campground 2009 – 2013 and the type of camping equipment used for the years 2009 – 2014.

Year (season)	Sites Occupied	Total # People	Avg People/Site	Tent	RV and Camper	Towed Trailer
2009 (5/22-10/11)	2300	6445	2.8	62%	18%	20%
2010 (6/10-10/17)*	1871	5109	2.7	58%	21%	21%
2011 (7/07-10/16)**	1414	3942	2.8	59%	18%	23%
2012 (5/24-10/20)	1651	4549	2.8	58%	15%	27%
2013 (5/23-10/06)	1748	4988	2.9	59%	18%	23%
2014 (5/22-10/17)***	1914	5359	2.8			

\*2010 season began late due to inclement weather

\*\*2011 season began late due to inclement weather

\*\*\* 2014 data included number of campsites occupied only. The avg people/site was derived from the average of the previous 5 years of actual data. The total # of people is the result of multiplying that figure by the actual campsites occupied in 2014.

#### Summary of campsite occupancy at Caples Lake:

The average number of people camping at Caples Lake campground over the six year study was 5,065. The deviation from average ranges from 22.2% below average to 27.2% over average. The change is not linear over time. In addition, weather anomalies affected the potential use. In general, the use counts show that occupancy is highest between the last week of June thru the second week of August and is often at capacity during this period on weekends. The individual campsite occupancy has stayed consistent around 2.8 people per site over the six year sample period. The distribution of type of camping equipment that recreationists use at Silver Lake campground has remained consistent.

## Desolation (Lake Aloha) Wilderness Permits

The following section is excerpted from an information pamphlet (no date) and summary of the 1998 Desolation Wilderness Plan provided by the Eldorado National Forest. The 1998 Wilderness Plan remains the primary document that guides management of Desolation Wilderness.

**Wilderness Permits & Zone Quotas.** Because of its beauty and accessibility, Desolation Wilderness is one of the most heavily visited wilderness areas in the United States. In order to protect its unique beauty and wilderness character, human access is limited and certain activities are restricted in Desolation, as follows:

- **Permits are required year-round.**
- **Fees** for overnight camping are required year-round.
- **Day Use Permits:** Day users may obtain a free permit from one of the offices, or may issue themselves a permit at most major trailheads during the summer. Day use is not subject to fees nor limited by the quota at any time of the year.
- **Group size** is limited to 12 people per party who will be hiking or camping together. Note: group size is also dependent on the number of people allowed in the zone.
- **Overnight quota** is based upon the number of people entering the wilderness each day, and their first night's destination zone.
- **Campfires** are prohibited.
- Visitors must enter on the date specified on your permit and must spend the first night in the zone which you have chosen. The rest of your stay is not subject to zone requirements.
- **Quota Period** is from the Friday before Memorial Day through September 30.
- **Reservations:** 75 percent of the quota in each zone may be reserved up to six months in advance through Recreation.gov.
- **Overnight users without reservations:** The other 50 percent of the available quota is set aside for first-come, first-served visitors. These permits must be obtained in person at offices which issue Desolation Wilderness permits on the day of entry and may not be reserved ahead of time. During the off-quota season there is no limit to the number of overnight users.

The *Desolation Wilderness Management Guidelines* indicate an overnight camping carrying capacity in the zones that fall within the Lake Aloha Area of 75 persons per day. Based on permit data obtained from the Eldorado National Forest, the total number of overnight visitors within the zones that fall in the Lake Aloha area in 2014 was 5,356. The percent capacity reached on weekend nights during peak recreation season ranged from 56% in early June to a maximum of 113.33% which occurred on July 26, 2014. Table 4 presents a detailed summary of overnight recreation use at Lake Aloha in 2014 with some data provided in the fall of 2013 as a result of the closures due to the King Fire.

### 2.3.2 EXISTING RECREATIONAL USE AT DAY USE FACILITIES (DAY-USE VISITATION)

Day use recreational sites that provide day-use opportunities in the Project area include: Caples Lake Boat Launching Facility, Silver Lake Boat Launching Facility, Echo Lakes Upper Parking Facility and Trailhead, Pacific Crest National Scenic Trail Crossing, and Woods Creek Fishing Access. Estimates are provided by vehicle and trailer counts that were conducted at Caples Lake Dam parking as part of the 2014 recreation user survey. These facilities and the available data are described below.

#### **Caples Lake Boat Launching Facility**

Caples Lake Boat Launching Facility is located ½ mile east of the northeastern Caples Lake dam on Highway 88. Facilities include a concrete boatramp with courtesy dock, a faucet unit, a double unit accessible toilet, parking for 16 single vehicles and 33 vehicle/trailers, six accessible picnic sites with grills, and tables, information boards, a phone booth and Wi-Fi.

Recreation use data was obtained from revenue receipts documented during the 2014 season (May 10 – October 31 2014). Fees at the boat ramp were segregated by parking spaces for vehicle only and vehicle/trailer combinations. During weekends and holidays fees were collected for 776 single vehicles and 588 vehicle/trailers. During weekdays, fees were collected for 655 vehicles and 714 vehicle/trailers. There are a total of 49 designed spaces at the site. On three days, the revenues from vehicles exceeded the number of designed sites by 1, 11 and 16 vehicles. The overages can be attributed to daily turn-over (vehicles staying for less than a day and that space being occupied by a new vehicle). On Sunday, July 6 the revenues exceeded the designed spaces by 63. The overage is attributed to a combination of turn-over and allowing vehicles to park within the site but outside of designed spaces. This day would be considered a turn-away day.

#### **Caples Lake Dam Parking**

On the northwest side of Caples Lake, adjacent to the Caples Lake Auxiliary Dam, is the Caples Lake Dam Parking. Amenities include: a paved parking area with stalls for 23 vehicles, informational signs, a double bear-proof garbage can holder, and toilets, maintained by EID and the USDA-FS under an alternating five-year agreement. The facilities provide access to the north and west shores of Caples Lake, the Emigrant Lake Trailhead and the Mokelumne Wilderness.

Vehicle counts were conducted at the Caples Lake Dam Parking. There are only 23 designated parking stalls, but on peak recreation days people often "creatively" park which can double the use. The vehicle counts are summarized in Table 6. Based on these surveys, the EID recreation management staff estimates that the average annual occupancy percent at Caples Lake Dam Parking ranges from 6% to over 100%. The capacity of existing recreational facilities is considered adequate on most weekdays but

often exceeds capacity on weekend days during the peak recreation season in July and August.

### **Silver Lake Boat Launching Facility**

The Silver Lake Boat Launching Facility is a licensee recreation site located adjacent to the Silver Lake dam. There is parking for 25 vehicles, 2 restrooms, 7 picnic sites and a concrete boat ramp. During the 2013 and 2014 recreation seasons, the licensee collected revenues for 605 and 926 parking spaces respectively.

### **Echo Lakes Upper Parking Facility**

The Echo Lakes upper parking facility is maintained by the USDA-FS and provides free parking to recreationists at Echo Lake. The upper parking facility is paved and striped and can accommodate up to 49 vehicles, and is generally used by overnight visitors of the Desolation Wilderness (EID 2000, Exhibit E, page 6-40). The USDA-FS-ENF estimates that the average annual occupancy percent at this parking facility is 100% or more on almost every weekend during peak recreation season (February 12, 2015, Gina Thompson, personal communication, Lake Tahoe Basin Management Unit (LTBMU)).

### **Echo Lake Trail/Pacific Crest Trail**

The Pacific Crest Trail (PCT) is virtually one continuous trail that extends the entire length of California, which traverses the Project boundary near Echo Lake. Between Highway 50 and Echo Lake, the PCT trends north south, and parallels the west side of Echo Lake Road. At Echo Lake, the PCT crosses the Echo Lake Dam and continues along the east shore of Echo Lake northwestward, into the Desolation Wilderness. This portion of the PCT is also used as part of the Tahoe Rim Trail, which circumnavigates the entire Tahoe Basin.

According to USDA-FS, Pacific Ranger District, starting with the actual permit count, a total of 11,733 persons obtained a permit at Echo Lake Trailhead in 2014. Due to a mixture of non-compliance combined with the fact that a certain number of people using the Echo Lake Trailhead do not even enter the Wilderness at the far end of the second lake, the FS adds 25% use estimate to the 11,733 to get a rounded total number of 15,000 persons who entered the Desolation Wilderness from Echo Lake Trailhead in 2014.

Estimates of vehicle and trailer counts at Echo Lake indicate this area exceeds capacity for parking vehicles every weekend during the peak recreation season (February 12, 2015, personal communication, LTBMU).

### **Ferguson Point/Sandy Cove**

The Ferguson Point Day Use Area is a licensee recreation site located on the north shore of Silver Lake on Kit Carson Road, on EID land. It includes ten picnic units with tables, parking for approximately ten vehicles, and two vault toilets. This recreation site

is currently closed off with no access to parking and most resources were removed due to vandalism. The District proposed at an on-site meeting and followed up with a letter to the Forest Service (Dec 14, 2012) to increase the persons-at-one-time (PAOT) at the Sandy Cove Day Use area by the PAOT lost at Ferguson Pt. as an equivalent location to accommodate former Ferguson Day Use visitors.

The Sandy Cove Picnic Area is a licensee recreation site located on the northwest shore of Silver Lake on Highway 88, about 0.2 mile south of the Silver Lake Dam, also on EID land. The picnic area consists of an access road, a paved parking area with striping for 21 vehicles, 5 picnic units, and two vault toilets. The picnic units consist of picnic table and a barbecue, and one of the sites is accessible. Nearby are boating, fishing, and swimming. The licensee has increased parking by 6 spaces following the closure at Ferguson Pt. and added one picnic unit. The District plans to distribute a proposal in spring 2016 to amend the Project No. 184 Settlement Agreement to relocate Ferguson amenities to Sandy Cove and the Silver Lake Boat Launch facility. The proposal will provide a schedule for implementing any additional improvements that are necessary to increase the PAOT lost from the closure of Ferguson Point.

Currently, vehicle counts are included as part of the Silver Lake day use area revenue collection system. The parking areas include the Silver Lake dam, Sandy Cove and adjacent roadway parking located between Sandy Cove and the Silver Lake Boat Launching Facility. During the 2013 and 2014 recreation seasons, the licensee collected revenues for 2480 and 3966 parking spaces respectively.

### **Woods Creek Fishing Access**

The Woods Creek Fishing Access is situated on FS property, located just off of Highway 88, on the east shore of Caples Lake, 2.4 miles east of Caples Lake Resort Angler Access. It is primarily used as a day use facility, providing paved parking areas to accommodate 29 vehicles, including one that is disabled accessible, It also consists of two accessible vault toilets, garbage containers, and a pedestrian access trail to the lake shore.

No detailed recreation visitor counts exist for this area, but informal observations by EID recreation managers indicate the capacity of existing recreational facilities is considered adequate on most weekdays but often reaches capacity on most weekend days during the peak recreation season.

### **2.3.3 RECREATIONAL USE BY ACTIVITY TYPE**

Recreational use by activity type for formal (overnight visitation) and informal (day-use visitation) recreation sites is summarized in Table 5. The breakdown of recreation activity types into overnight visitation and day-use visitation categories is based on data provided by survey respondents during the 2014 recreational use survey. Survey respondents that participated in an overnight visit reported participating in all of the 23

recreational activities listed on the survey form. The top three recreational activities identified by the largest percentage of overnight visitors as activities in which they participated included: (1) camping in developed areas (100%); (2) fishing (57.9%); (3) hiking (47.1%) and just relaxing (42.1%).

#### 2.3.4 SEASONAL RECREATION USE IN THE PROJECT AREA

The Project area is commonly used for winter recreational activities (e.g., cross-country skiing, snow-mobiling). The Project area is generally accessible during the winter season and Highway 88 leading into the Silver Lake and Caples Lake areas are maintained during the winter months.

### 2.4 ASSESSMENT OF CAPACITY OF EXISTING RECREATIONAL FACILITIES

Based on informal observations, user surveys and an analysis of use data, the capacity of existing recreational facilities during the peak recreation season between June 16 and September 1 is considered adequate on most weekdays but often reaches capacity on most weekend days during the peak recreation season..

### 2.5 ESTIMATE OF POTENTIAL FUTURE RECREATIONAL USE

This section provides an estimate of potential future recreational use by activity including an evaluation of whether future use can be accommodated by existing facilities, or if additional facilities are needed at the Project

### 2.6 METHODOLOGY – POTENTIAL FUTURE RECREATIONAL USE

The determination of future recreational use is based on the projected population increases in the top four origin counties of visitors to ENF. It is assumed that the origin counties for recreational facilities associated with the Project correspond with those for the entire ENF as described in the 2012 NVUM Recreation Use Report. Two sets of data were relied upon to complete this analysis including:

1. Residence county information for the recreation user groups in the Project area was obtained by querying the results of the 2012 NVUM Recreation Use Report for ENF. Based on this data, the approximate percentage of recreational users from each county was determined.
2. County populations and projected population growth were obtained from Interim County Population Projections (California Department of Finance, Demographic Research Unit, 2010).

These data sets were analyzed to estimate the percent increase in potential future recreational visits to the Project area for years 2020, 2030 and 2040. The estimate of existing overnight recreational use (total number of recreation days during the peak recreation season) in year 2014 served as the baseline for the analysis. The analysis to calculate day use visitation is based on the ratio of day-use to overnight visitation as described in the 2012 NVUM Recreation Use Report (Table 2 page 9) and is

approximately 3:1, meaning three day use visits for every 1 overnight visit. The analysis to calculate potential future recreation visits incorporated population and demographic changes from the trip origin counties for visitors to the project area.

The estimate of potential future recreational use is provided for two categories, overnight visitation and day-use visitation. Overnight visitation relates to developed recreation activities and provides an estimate of the future potential use at campground facilities. Undeveloped recreation activity encompasses all dispersed recreation activities in the Project area and is an estimate of the collective future use of dispersed recreation.

## **2.7 RESULTS**

### **2.7.1 POTENTIAL FUTURE RECREATIONAL USE ANALYSIS**

The results of the 2014 recreational use survey indicate that the 40 respondents in the Project area originated primarily from four counties as follows: El Dorado (40.0%); Sacramento (13.33%); Alpine (8.89%); Placer (6.67%).

It is projected that recreation visitation and demand in the Project area will increase in the future based on the assumption that there will be a change in recreation visitation directly related to population changes. Assuming recreation visitation increases at the same pace as population changes, it is estimated that recreation visitation will increase by about 12% by the year 2050 (California Department of Finance, Demographic Research Unit, 2014). This estimate is based on the projected population increase of El Dorado County since the results of the 2014 recreational use survey indicate the largest proportion of recreation users come from El Dorado County.

Table 1 presents a summary of recreation activity days for overnight and day use visitation for developed (formal) and undeveloped (informal) recreation. The following paragraph is excerpted from Appendix S of the Application for New License (2000), which stated the following regarding Recreation Visitor Days (RVD) and potential increases on demand over time (a recreation visitor day is equivalent to 12 hours of recreation use in any combination of persons and hours, i.e., one person recreating for 12 hours or three persons recreating for four hours each).

Current use of the lakes and downstream rivers affected by the Project is estimated at about 450,000 RVDs, including approximately 2,000 RVDs for Lake Aloha. Based on local, regional, and statewide population projections and on the proportion of visitors to these recreation areas from the different regions, it is estimated that recreation use of the Project lakes and rivers will increase to 558 million RVDs by 2010, and to 741 million RVDs by 2030. Based on the Forest Service's predicted increase of demand for developed and dispersed/wilderness recreation, recreation use of the Project lakes and rivers will increase at a slower rate, with 518 million RVDs by 2010 and 639 million RVDs by 2030.

Based on the supplemental recreational use data collected by the District in 2014, it is estimated that recreational use at Project 184 facilities did not exceed what was projected during relicensing as stated above. Although the 2014 survey and data collection effort was not as intensive as compared with relicensing survey efforts, the data suggests that recreation demand increased in accordance with what was projected during relicensing and did not exceed the projections made in 2000.

### 3.0 DESCRIPTION OF MEASURES RECOMMENDED BY THE AGENCIES

As described above and as required by Condition 47, within one year of submitting this report, the District will meet with the USDA-FS Eldorado National Forest and the Ecological Resources Committee (ERC) and review this report and discuss and identify recreation needs based on the results and based on their own recreation management team's observations. Improvements or enhancement measures proposed by the agencies will be documented and appended to this report.

Section 1.1.2 above describes the proposed recreation improvements including those improvements designed to comply with the American's with Disabilities Act. Existing and Proposed Maintenance Measures

The ENF RFA lists site specific tasks and programmatic actions to bring the forest recreation infrastructure into alignment with the resources available to operate and maintain it to standard. The purpose includes outlining proposals specific to individual developed recreation sites. The report did not list any actions for the sites under the EID's license with the exception of increasing fees and fee compliance at Pyramid Creek Trailhead. Those sites include Silver Lake East Campground, Caples Lake Campground, Martin Meadow Overflow Camping Area, Caples Lake Dam Parking, Woods Lake Fishing Access and Pyramid Creek Trailhead.

As required by Condition 50 of the FERC license and as described above under existing facilities in section 3.0, the District has implemented numerous recreation maintenance measures that were due within 5 and 7 years of FERC license issuance (Year 2011 and 2013). These improvements include:

1. **Caples Lake Dam Parking:** The District and the USDA-FS perform the following maintenance items outlined in the license on a five-year rotation schedule. EID performed the activities for the first five years of the license (2007 – 2011). The USDA-FS is responsible for performing the following maintenance items from 2012 – 2016:
  - a. Routine cleaning, repair and maintenance of all constructed features within the developed site.
  - b. Toilet pumping.
  - c. Trash removal/litter pick-up within the site.
  - d. Maintenance of signboards and the information on those signboards to USDA Forest Service standards.
  - e. Vegetation management.



2. **Caples Lake Boat Launching Facility:** Since 2009 when the Boat Launching Facility was completed, the District has performed all maintenance and operation activities of the boat launching facility. Maintenance occurs on a daily basis when the facility is open. Some minor repairs are required including touch up painting of handrails and phone booth, repair of the irrigation system, removal of miscellaneous tacked up items to designed facilities and installation of information boards.
3. **Information Kiosk on Highway 88:** EID maintains the kiosk and posts information materials as provided by the USDA-FS.
4. **Echo Lakes Trailhead:** District hydroelectric staff visit the trailhead on a regular basis while making operational changes to the dam infrastructure. District staff carry out routine inspection of the trailhead at that time and trash collection is carried out when necessary. The USDA-FS inspects the toilet on a regular basis and reports to District when toilet pumping is needed, which is approximately twice during the summer season.
5. **Special Use Administration Funding:** The District makes annual payments to the USDA-FS to provide monitoring and permit compliance assurance for campground concessionaire special use permits at Caples Lake Campground and Silver Lake East Campground.
6. **Heavy Maintenance:** No heavy maintenance has been identified as necessary at recreation facilities other than maintenance agreed to with the USDA-FS mentioned above at specific facilities.
7. **Dispersed Area Patrol Funding on Lands Affected by the Project:** The District makes annual payments to the USDA-FS to provide for patrol and operation of non-concessionaire developed and dispersed recreation facilities, as well as trails and other locations utilized by visitors to the Project, within and adjacent to the Project boundary.

#### 4.0 RECREATION MANAGEMENT AGENCIES, DEVELOPMENT SCHEDULES, AND PROJECTED COSTS

The following sections address 18 CFR Section 4.51(5) (v):

A) As the licensee, the District is the primary agency responsible for implementing, constructing, operating or maintaining existing and proposed measures to the facilities as described in the FERC license.

B) The Recreation Implementation Plan submitted in compliance with Condition 46 of the FERC license includes a schedule showing the intervals at which implementation of the measures or construction of the facilities would be commenced and completed. Following are updates to the schedule identified in the Recreation Implementation Plan.

TABLE 5.1: IMPLEMENTATION SCHEDULE

<b>RECREATION IMPLEMENTATION/CONSTRUCTION TIMELINE</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>COMPLIANCE YEAR AND STATUS</b>
Recreation Implementation Plan	Submittal of USFS-approved Plan and Schedule to FERC.  Plan update required - to be completed in consultation with FS	2007 – Completed. In compliance.  EID to prepare draft revised plan for review in 2015
Caples Lake Dam Parking Condition No. 51.1	EID responsible for one-half of the annual maintenance.	All Years – Maintenance performed on regular basis on a five-year rotation schedule. EID performed the activities 2007 – 2011. USDA-FS performing maintenance from 2012 – 2016. In compliance.
Collection Agreement Special Use Administration Funding Condition No. 51.5	USFS responsible for monitoring and permit compliance.	All Years – Annual payments made by EID. In compliance.
Collection Agreement Dispersed Area Patrol Funding Condition No. 51.7	USFS to provide patrol and operation on non-concessionaire developed recreation facilities and trails, etc.	All Years – Annual payments made by EID. In compliance.
Caples Lake Shoreline Cleanup Condition No. 51.7	USFS and EID to clean up litter around Caples Lake shoreline.	All Years – Shoreline cleanup is conducted as determined necessary. In compliance.
Echo Lakes Trailhead Condition No. 51.3	EID responsible for the toilet pumping and trash/litter removal.	All Years – Maintenance occurs on a regular basis. In compliance.
Recreation Information Condition No. 53.2	EID and USFS will review recreation information program.	EID and USFS developed recreation information materials for display at Project area kiosks. In compliance.  EID to review recreation information requirements in consultation with the FS to determine information needs to meet this condition
Silver Lake East	Improvements identified in FERC	Extension approved until 2016.

<b>RECREATION IMPLEMENTATION/CONSTRUCTION TIMELINE</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>COMPLIANCE YEAR AND STATUS</b>
Campground Condition No. 50.1	license.	EID preparing funding plan for FS review in 2015
Hwy 88 Kiosk Condition No 50.5 & 51.4	Construct and install Kiosk.	Kiosk upgrades completed. EID maintains kiosk and posts materials as provided by the USDA-FS. In compliance.
50.3 Caples Lake Dam Parking	Improvements identified in FERC license.	Remaining improvements are to construct a van-accessible parking space near the restroom and update signs at kiosk.
Martin Meadow Condition No. 50.6	Install the rock barriers at specified locations.	Barrier rocks installed in 2012. In compliance.
Condition 50.7 Echo Lakes Upper Parking Facility	Prepare parking area for resurfacing and place an asphalt overlay on parking area	FS has recently chip-sealed the parking area and does not think as asphalt overlay is necessary at this time. The District is preparing a proposal to modify 4e condition to provide funding for maintenance of the existing parking area. Proposal to be distributed in spring 2016.
Pacific Crest Trail National Scenic Trail Crossing Condition No. 50.8	Design and construct bridge for trail crossing to USFS specifications.	Extension approved until 2016. EID preparing plan for FS review in 2015. In compliance.  EID to consult with FS to evaluate if trail realignment is feasible to avoid the Echo Conduit crossing in lieu of bridge construction
Project Brochure Condition No 53.3	Develop a Project Brochure, with USFS input and approval.	Licensee and USFS developed a series of brochures for kiosks and a series web-based maps and information pages. In compliance.
Recreation Use Survey Condition No. 47	Conduct a survey, prepare Report on Recreational Resources, file FERC Form 80 and other work.	EID conducted a recreation survey in 2014 and prepared this report in 2015. In compliance
Caples Lake Boat Ramp Condition No. 50.4	Construct boat launch.	Work completed in 2009. In compliance.

<b>RECREATION IMPLEMENTATION/CONSTRUCTION TIMELINE</b>		
<b>ITEM</b>	<b>DESCRIPTION</b>	<b>COMPLIANCE YEAR AND STATUS</b>
Caples Lake Campground Condition No. 50.2	Perform improvements identified in FERC license.	Extension approved until 2016. EID preparing funding plan for FS review in 2015. In compliance.
Licensee Recreation Sites Condition No. 51.8	Bring the Ferguson Point, Sandy Cove, Woods Creek Fishing Access and Silver Lake West recreation facilities, or equivalent locations, into compliance with ADA accessibility standards. Licensee shall continue to operate and maintain these facilities.	EID implementing ADA self-evaluation and Transition Plan. EID proposed to utilize the Sandy Cove Day Use area as an equivalent location to accommodate Ferguson Point visitors.  EID is researching feasibility of implementing improvements at Ferguson Point to adequately address ADA requirements and Amador County setback requirements for restroom facilities in order to allow this site to be re-opened and back in compliance.  Woods Creek Fishing Access has been determined to be on National Forest land and appropriate revisions to the 4e condition will be submitted to FERC.
Review of Recreation Developments Condition No. 49	Review recreation facilities and determine necessary maintenance work and its timing	EID and FS conducted site visit in fall 2015 and developed draft O&M Plan; EID to finalize O&M Plan and submit to FS for approval in February 2016.

C) The estimate of costs of construction, operation and maintenance of the proposed facilities described above is based on the EID Capital Improvement Plan (CIP; 2015-2019). EID prepares an updated CIP each year and plans to update the projected schedule for project funding in the 2016 – 2020 CIP. EID and the USFS are working to develop a revised schedule for implementing the projects due in 2016 and anticipate submitting the revised schedule for FERC review and approval in summer 2016.

TABLE 5.2: ESTIMATED COSTS OF RECREATION IMPROVEMENTS BY FACILITY

<b>FERC Condition</b>	<b>Project</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
50.1	Silver Lake East Campground FS Upgrade	\$150,000	\$1,000,000	\$1,000,000	\$500,000		\$2,650,000
50.2	Caples Lake Campground	\$150,000	\$900,000	\$900,000			\$1,950,000
50.3	Caples Lake Dam Parking Lot Improvements	\$10,000	\$10,000				\$20,000
50.7	ADA Title 2 Compliance (78% recreation)	\$20,000					\$20,000
50.8	Pacific Crest Trail Crossing	\$2,000	\$2,000				\$4,000
51.2	Caples Lake Boat Launch	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000
51.3	Echo Trailhead	\$5,000	\$5,000	\$50,000			\$60,000
51.5 51.7	Special Use Funding	\$42,436	\$43,709	\$45,020	\$46,371	\$47,762	\$225,298
51.8	Silver Lake Campground West Upgrade	\$25,000	\$25,000	\$300,000			\$350,000
51.8	Woods Creek	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000

D) A map or drawing showing existing and proposed recreation facilities.

See Figure 1.

## **5.0 WILDERNESS/DESIGNATED STUDY AREAS**

### **5.1 WILDERNESS AREAS**

Portions of Project fall within or border two designated Wilderness Areas and one proposed Wilderness Area - Desolation and Mokelumne Wilderness Areas and Caples Creek Wilderness, respectively. Each is briefly described below.

#### *Desolation Wilderness*

The Desolation Wilderness is situated immediately west of Lake Tahoe, along the crest of the Sierra Nevada. It is located entirely within El Dorado County and is situated approximately 90 miles east of Sacramento by way of U.S. Highway 50. The area includes the headwaters of the Rubicon River, the South Fork, and numerous shorter drainages that flow into Lake Tahoe (USFS 1998). The Desolation Wilderness was included in the National Wilderness Preservation System on October 10, 1969, in accordance with the Wilderness Act of September 3, 1964. Today, the Desolation Wilderness encompasses 63,475 acres and is one of the most heavily used Wilderness areas of its size in the nation (USFS no date).

The ENF and the LTBMU jointly manage the Desolation Wilderness, in accordance with the direction contained in the 1964 Wilderness Act. Specifically, management is oriented towards preserving the following attributes: naturally occurring ecosystems, primitive character, the absence of man's imprint and outstanding opportunities for solitude and primitive and unconfined recreation experience (USFS 1998). The Forest Service completed the Desolation Wilderness Management Plan in 1998. The guidelines amend the Land and Resource Management Plans (LRMP) for the ENF and the LTBMU to reflect the 1998 management guidelines.

Lake Aloha falls within the Desolation Wilderness, and is therefore subject to the management strategies and policies outlined in the LRMP and the 1998 Desolation Wilderness Management Plan. The Desolation Wilderness Guidelines and LRMP's dictate future recreation use levels and opportunities in the Desolation Wilderness, including those at Lake Aloha.

#### *Mokelumne Wilderness*

The Mokelumne Wilderness includes 104,500 acres of land situated in portions of Amador, Alpine and Calaveras Counties. It is bordered on the north by Highway 88 and to the south by Highway 4, and extends from Salt Springs Reservoir east along the North Fork of the Mokelumne River, over the crest of the Sierra toward the town of Markleeville. The Wilderness is jointly managed by three National Forests: the Eldorado, the Stanislaus, and the Toiyabe. In 2000 the Forest Service updated and revised their Mokelumne Wilderness Management Guidelines.

Caples Lake is situated near the northern most portion of the Mokelumne Wilderness, adjacent to a management area referred to as the Carson Pass Management Area. The Carson Pass Management Area was designated by an ENF Order, which specifically prohibits campfires, camping within 100 feet of trails lakes and streams, and requires dogs to be under physical control. The Management Area includes the Carson Pass, Emigrant Lake, Fourth of July Lake and Corrie Lochan management zones.

An April 5, 2013 letter to the file revised the March 2000 Mokelumne Wilderness Guidelines Decision Notice requiring year-round overnight permits. The 2013 letter also restricted group sizes, fires, horse grazing and riding.

#### *Recommended Caples Creek Wilderness Area*

Caples Creek (from about Woods Lake to its confluence of the Silver Fork of the American River and Silver Fork (from its confluence with Caples Creek), are located within the recommended Caples Creek Wilderness Area. Activities along Caples Creek and the Silver Fork are managed in accordance with the standards for Management Area 1, Wilderness. The Caples Creek Wilderness Area is not currently a congressionally designated Wilderness, but it is managed to protect the values for which it is considered eligible. The recommended Caples Creek Wilderness Area consists of 13,694 acres.

## **5.2 SPECIAL INTEREST AREAS**

There is one Special Interest Area and two Research Natural Areas in the greater Project area. These are referred to as the Pyramid Creek Geological Area and the Station Creek and Peavine Research Natural Areas, respectively. These are briefly described in the following.

#### *Pyramid Creek Geological Area*

The lower portion of Pyramid Creek, from below Horsetail Falls to its confluence with the South Fork American River, lies within the Pyramid Creek Geological Area, Management Area 4 of the LRMP, Special Area. Management Area 4 emphasizes recreation use in the area's natural condition and focuses on preserving the integrity of the special interest features for which the area was established. The special interest features in the Pyramid Creek Geological Area include unique geological features. The Pyramid Creek Geological Area consists of 1,151 acres (USFS 1988a).

### *Station Creek Research Natural Area*

A small segment of the South Fork American River, just downstream of Station Creek, traverses a candidate Natural Research Area, referred to as the Station Creek Natural Area. The Station Creek area encompasses 749 acres and is a candidate Natural Research Area owing to its unusual plant associations of sugar pine-white fir and white fir-rattlesnake orchids. The Forest Service manages this area to maintain a natural condition, and limits uses to research, study, observation, monitoring, and educational activities that are nondestructive and nonmanipulative.

### *Peavine Ridge Research Natural Area*

A segment of the South Fork American River, just northwest of Pacific House, traverses a candidate Natural Research Area, referred to as the Peavine Research Natural Area. This entire area recently burned in the King Fire in October 2014. The Peavine area encompasses 1,113 acres and is a candidate Natural Research Area owing to its unusual plant associations of Pacific Ponderosa Pine and Black Oak. As with the Station Creek Research Natural Area, the Forest Service manages this area to maintain a natural condition, and limits uses to research, study, observation, monitoring, and educational activities that are nondestructive and nonmanipulative.

## **5.3 WILD AND SCENIC RIVERS**

Four stream and river segments in the Project area have been designated by the Forest Service as eligible for inclusion into the National Wild and Scenic River Segment. The status of these four segments has not changed since Exhibit E was compiled in 2000. Following are the detailed descriptions based on Exhibit E.

### *Pyramid Creek*

A portion of Pyramid Creek, from Avalanche Lake to Highway 50, has been found to be eligible for Wild and Scenic River (W&SR) status due to its outstandingly remarkable visual, geological, and recreation values. The Forest Service has not conducted a W&SR suitability study for this section of Pyramid Creek, and Congress has not incorporated Pyramid Creek into the W&SR System. However, the Forest Service manages rivers and streams found eligible for study under the W&SR to preserve the values for which the stream or river was found eligible. Accordingly, the Forest Service manages Pyramid Creek to preserve its visual, geologic and recreational values.

### *Caples Creek*

Caples Creek, from the proposed Caples Creek Wilderness boundary to the confluence with the Silver Fork of the American River, has been found to be eligible for W&SR status due to its outstandingly remarkable recreational and fisheries values. The USDA-FS has not conducted a W&SR suitability study for Caples Creek and



Congress has not incorporated Caples Creek into the W&SR System. However, the Forest Service manages Caples Creek to preserve its recreational and fisheries values.

#### *Silver Fork of the American River*

The Silver Fork, from its confluence with Caples Creek to its confluence with the South Fork, has been found to be eligible for W&SR status due to its outstandingly remarkable recreational values. The USDA-FS has not conducted a W&SR suitability study for the Silver Fork and Congress has not incorporated the Silver Fork into the W&SR System. However, the Forest Service manages the Silver Fork to preserve its recreational values.

#### *South Fork of the American River*

The South Fork, from its headwaters to Blair Bridge, has been found to be eligible for W&SR status due to its outstandingly remarkable recreational and cultural values. The cultural (and historical) values are related to the remnants of wagon roads and trails used as a trans-Sierra transportation corridor, first by Native Americans and later by early emigrants in route to the California gold fields. The corridor was also used by the Pony Express to reach Sacramento. The recreation values are based on the extremely high use of the area for sightseeing, fishing, picnicking, hiking, and other activities. W&SRs are classified as Wild, Scenic and/or Recreational, depending on their values. According to the Forest Service, the South Fork, from its headwaters to Blair Bridge, would be classified as a Recreational River Segment owing to the presence of past impoundments or unobtrusive diversions (USFS 1990).

The USDA-FS has not conducted a W&SR suitability study for the South Fork and Congress has not incorporated this segment of the South Fork into the W&SR system. However, the Forest Service manages rivers and streams found eligible for study under the W&SR to preserve the values for which the river was found eligible. Accordingly, the Forest Service manages the South Fork to protect its recreational and cultural values.

The USDA-FS Planning Handbook contains management standards for rivers classified as Recreational. With regard to projects that involve water supply, the Planning Handbook states: "Existing low dams, diversion works, rip rap and other minor structures are allowed provided the waterway remains generally natural in appearance. New structures are prohibited" (USFS 1992a). With regard to flow, the Planning Handbook states: "there is no specific requirement concerning minimum flows for an eligible segment. The Wild and Scenic Rivers Act provides definitions in Section 16 (a) and (b). Flows are considered sufficient for eligibility if they sustain or complement the outstandingly remarkable values for which the river would be designated" (USFS 1992a).

The presence of the El Dorado Diversion Dam does not affect the South Fork's W&SR eligibility status, because it was present when the eligibility determination was made. Moreover, the presence of the dam does not conflict with the USDA-FS planning direction regarding W&SRs. The USDA-FS Planning Handbook specifically recognizes that rivers classified as "recreational" can have existing low dams and diversion works provided the waterway remains generally natural in appearance. The same cultural and recreational conditions that existed when the eligibility determination was made would continue to exist when the Project is relicensed

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## **TABLES**

**Table 1. Silver Lake West Campground - Occupancy Data 2014**  
 Based on Eldorado National Forest Occupancy Use Logs

Date	Night	Campsite Occupancy (Total:42)	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Silver Lake West Campground Occupancy</b>			
<b>5/16/2014</b>	<b>Friday</b>	<b>2</b>	<b>4.8%</b>
<b>5/17/2014</b>	<b>Saturday</b>	<b>4</b>	<b>9.5%</b>
5/18/2014	Sunday	0	0.0%
5/19/2014	Monday	0	0.0%
5/20/2014	Tuesday	0	0.0%
5/21/2014	Wednesday	0	0.0%
5/22/2014	Thursday	0	0.0%
<b>5/23/2014</b>	<b>Friday</b>	<b>22</b>	<b>52.4%</b>
<b>5/24/2014</b>	<b>Saturday</b>	<b>19</b>	<b>45.2%</b>
5/25/2014	Sunday	5	11.9%
5/26/2014	Monday	4	9.5%
5/27/2014	Tuesday	2	4.8%
5/28/2014	Wednesday	2	4.8%
5/29/2014	Thursday	0	0.0%
<b>5/30/2014</b>	<b>Friday</b>	<b>3</b>	<b>7.1%</b>
<b>5/31/2014</b>	<b>Saturday</b>	<b>2</b>	<b>4.8%</b>
6/1/2014	Sunday	4	9.5%
6/2/2014	Monday	0	0.0%
6/3/2014	Tuesday	3	7.1%
6/4/2014	Wednesday	3	7.1%
6/5/2014	Thursday	15	35.7%
<b>6/6/2014</b>	<b>Friday</b>	<b>16</b>	<b>38.1%</b>
<b>6/7/2014</b>	<b>Saturday</b>	<b>10</b>	<b>23.80%</b>
6/8/2014	Sunday	1	2.30%
6/9/2014	Monday	0	0.00%
6/10/2014	Tuesday	0	0.00%
6/11/2014	Wednesday	3	7.10%
6/12/2014	Thursday	9	21.4%
<b>6/13/2014</b>	<b>Friday</b>	<b>17</b>	<b>40.5%</b>
<b>6/14/2014</b>	<b>Saturday</b>	<b>6</b>	<b>14.3%</b>
6/15/2014	Sunday	2	4.8%
6/16/2014	Monday	1	2.4%
6/17/2014	Tuesday	6	14.3%
6/18/2014	Wednesday	22	52.4%
6/19/2014	Thursday	3	7.1%
<b>6/20/2014</b>	<b>Friday</b>	<b>42</b>	<b>100.0%</b>
<b>6/21/2014</b>	<b>Saturday</b>	<b>12</b>	<b>28.6%</b>
6/22/2014	Sunday	8	19.0%
6/23/2014	Monday	8	19.0%
6/24/2014	Tuesday	4	9.5%
6/25/2014	Wednesday	7	16.7%
6/26/2014	Thursday	19	45.2%
<b>6/27/2014</b>	<b>Friday</b>	<b>42</b>	<b>100.0%</b>
<b>6/28/2014</b>	<b>Saturday</b>	<b>13</b>	<b>31.0%</b>
6/29/2014	Sunday	7	16.7%

**Table 1. Silver Lake West Campground - Occupancy Data 2014**

Based on Eldorado National Forest Occupancy Use Logs

Date	Day	Campsite Occupancy (Total:42)	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Silver Lake West Campground Occupancy (continued)</b>			
6/30/2014	Monday	2	4.8%
7/1/2014	Tuesday	28	66.7%
7/2/2014	Wednesday	24	57.1%
7/3/2014	Thursday	42	100.0%
<b>7/4/2014</b>	<b>Friday</b>	<b>16</b>	<b>38.1%</b>
<b>7/5/2014</b>	<b>Saturday</b>	<b>10</b>	<b>23.8%</b>
7/6/2014	Sunday	23	54.8%
7/7/2014	Monday	4	9.5%
7/8/2014	Tuesday	22	52.4%
7/9/2014	Wednesday	18	42.9%
7/10/2014	Thursday	42	100.0%
<b>7/11/2014</b>	<b>Friday</b>	<b>13</b>	<b>31.0%</b>
<b>7/12/2014</b>	<b>Saturday</b>	<b>10</b>	<b>23.8%</b>
7/13/2014	Sunday	9	21.4%
7/14/2014	Monday	11	26.2%
7/15/2014	Tuesday	9	21.4%
7/16/2014	Wednesday	9	21.4%
7/17/2014	Thursday	27	64.3%
<b>7/18/2014</b>	<b>Friday</b>	<b>31</b>	<b>73.8%</b>
<b>7/19/2014</b>	<b>Saturday</b>	<b>10</b>	<b>23.8%</b>
7/20/2014	Sunday	23	54.8%
7/21/2014	Monday	12	28.6%
7/22/2014	Tuesday	18	42.9%
7/23/2014	Wednesday	16	38.1%
7/24/2014	Thursday	30	71.4%
<b>7/25/2014</b>	<b>Friday</b>	<b>23</b>	<b>54.8%</b>
<b>7/26/2014</b>	<b>Saturday</b>	<b>12</b>	<b>28.6%</b>
7/27/2014	Sunday	12	28.6%
7/28/2014	Monday	11	26.2%
7/29/2014	Tuesday	10	23.8%
7/30/2014	Wednesday	21	50.0%
7/31/2014	Thursday	25	59.5%
<b>8/1/2014</b>	<b>Friday</b>	<b>40</b>	<b>95.2%</b>
<b>8/2/2014</b>	<b>Saturday</b>	<b>17</b>	<b>40.5%</b>
8/3/2014	Sunday	15	35.7%
8/4/2014	Monday	6	14.3%
8/5/2014	Tuesday	3	7.1%
8/6/2014	Wednesday	19	45.2%
8/7/2014	Thursday	11	26.2%
<b>8/8/2014</b>	<b>Friday</b>	<b>42</b>	<b>100.0%</b>
<b>8/9/2014</b>	<b>Saturday</b>	<b>18</b>	<b>42.9%</b>
8/10/2014	Sunday	11	26.2%
8/11/2014	Monday	11	26.2%
8/12/2014	Tuesday	18	42.9%
8/13/2014	Wednesday	22	52.4%

**Table 1. Silver Lake West Campground - Occupancy Data 2014**  
Based on Eldorado National Forest Occupancy Use Logs

Date	Day	Campsite Occupancy (Total:42)	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Silver Lake West Campground Occupancy (continued)</b>			
8/14/2014	Thursday	8	19.0%
<b>8/15/2014</b>	<b>Friday</b>	<b>22</b>	<b>52.4%</b>
<b>8/16/2014</b>	<b>Saturday</b>	<b>12</b>	<b>28.6%</b>
8/17/2014	Sunday	8	19.0%
8/18/2014	Monday	4	9.5%
8/19/2014	Tuesday	11	26.2%
8/20/2014	Wednesday	2	4.8%
8/21/2014	Thursday	13	31.0%
<b>8/22/2014</b>	<b>Friday</b>	<b>20</b>	<b>47.6%</b>
<b>8/23/2014</b>	<b>Saturday</b>	<b>5</b>	<b>11.9%</b>
8/24/2014	Sunday	2	4.8%
8/25/2014	Monday	3	7.1%
8/26/2014	Tuesday	6	14.3%
8/27/2014	Wednesday	11	26.2%
8/28/2014	Thursday	17	40.5%
<b>8/29/2014</b>	<b>Friday</b>	<b>20</b>	<b>47.6%</b>
<b>8/30/2014</b>	<b>Saturday</b>	<b>14</b>	<b>33.4%</b>
8/31/2014	Sunday	11	26.2%
9/1/2014	Monday	5	11.9%
9/2/2014	Tuesday	7	16.7%
9/3/2014	Wednesday	9	21.4%
9/4/2014	Thursday	9	21.4%
<b>9/5/2014</b>	<b>Friday</b>	<b>17</b>	<b>40.5%</b>
<b>9/6/2014</b>	<b>Saturday</b>	<b>7</b>	<b>16.7%</b>
9/7/2014	Sunday	3	7.1%
9/8/2014	Monday	8	19.1%
9/9/2014	Tuesday	6	14.3%
9/10/2014	Wednesday	5	11.9%
9/11/2014	Thursday	0	0.0%
<b>9/12/2014</b>	<b>Friday</b>	<b>26</b>	<b>61.9%</b>
<b>9/13/2014</b>	<b>Saturday</b>	<b>11</b>	<b>26.2%</b>
9/14/2014	Sunday	2	4.8%
9/15/2014	Monday	4	9.5%
9/16/2014	Tuesday	0	0.0%
9/17/2014	Wednesday	2	4.8%
9/18/2014	Thursday	0	0.0%
<b>9/19/2014</b>	<b>Friday</b>	<b>25</b>	<b>59.5%</b>
<b>9/20/2014</b>	<b>Saturday</b>	<b>7</b>	<b>16.7%</b>
9/21/2014	Sunday	4	9.5%
9/22/2014	Monday	0	0.0%
9/23/2014	Tuesday	1	2.4%
9/24/2014	Wednesday	0	0.0%
9/25/2014	Thursday	7	16.7%
<b>9/26/2014</b>	<b>Friday</b>	<b>2</b>	<b>4.8%</b>
<b>9/27/2014</b>	<b>Saturday</b>	<b>0</b>	<b>0.0%</b>

**Table 1. Silver Lake West Campground - Occupancy Data 2014**

Based on Eldorado National Forest Occupancy Use Logs

Date	Day	Campsite Occupancy (Total:42)	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Silver Lake West Campground Occupancy (continued)</b>			
9/28/2014	Sunday	0	0.0%
9/29/2014	Monday	1	2.4%
9/30/2014	Tuesday	1	2.4%
10/1/2014	Wednesday	0	0.0%
10/2/2014	Thursday	0	0.0%
<b>10/3/2014</b>	<b>Friday</b>	<b>16</b>	<b>38.1%</b>
<b>10/4/2014</b>	<b>Saturday</b>	<b>4</b>	<b>9.5%</b>
10/5/2014	Sunday	0	0.0%
10/6/2014	Monday	0	0.0%
10/7/2014	Tuesday	2	4.8%
10/8/2014	Wednesday	2	4.8%
10/9/2014	Thursday	0	0.0%
<b>10/10/2014</b>	<b>Friday</b>	<b>2</b>	<b>4.8%</b>
<b>10/11/2014</b>	<b>Saturday</b>	<b>4</b>	<b>9.5%</b>
10/12/2014	Sunday	1	2.4%
10/13/2014	Monday	0	0.0%
10/14/2014	Tuesday	0	0.0%
10/15/2014	Wednesday	0	0.0%
10/16/2014	Thursday	7	16.7%
<b>10/17/2014</b>	<b>Friday</b>		
<b>10/18/2014</b>	<b>Saturday</b>		
10/19/2014	Sunday		
10/20/2014	Monday	1	2.4%
10/21/2014	Tuesday		
10/22/2014	Wednesday		
10/23/2014	Thursday	2	4.8%
<b>10/24/2014</b>	<b>Friday</b>	<b>3</b>	<b>7.2%</b>
<b>10/25/2014</b>	<b>Saturday</b>	<b>3</b>	<b>7.2%</b>
10/26/2014	Sunday		
10/27/2014	Monday		
10/28/2014	Tuesday		
10/29/2014	Wednesday		
10/30/2014	Thursday		
10/31/2014	Friday		

Note: Campground Capacity: 42 campsites, 252 individuals

\*On days when campsites sold went over capacity, the amount over capacity was assumed to be for a second night camping, and was counted as part of campsites sold for the next day.



**Table 2. Silver Lake East Campground - Occupancy Data 2014**

Based on Eldorado National Forest Occupancy Use Logs

Date	Day	Campsite Occupancy (Total: )	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Silver Lake East Campground Occupancy</b>			
5/22/2014	Thursday	3	4.8%
<b>5/23/2014</b>	<b>Friday</b>	<b>37</b>	<b>59.7%</b>
<b>5/24/2014</b>	<b>Saturday</b>	<b>51</b>	<b>82.3%</b>
5/25/2014	Sunday	35	56.5%
5/26/2014	Monday	8	12.9%
5/27/2014	Tuesday	1	1.6%
5/28/2014	Wednesday	2	3.2%
5/29/2014	Thursday	7	11.3%
<b>5/30/2014</b>	<b>Friday</b>	<b>8</b>	<b>12.9%</b>
<b>5/31/2014</b>	<b>Saturday</b>	<b>14</b>	<b>22.6%</b>
6/1/2014	Sunday	3	4.8%
6/2/2014	Monday	7	11.3%
6/3/2014	Tuesday	4	6.5%
6/4/2014	Wednesday	5	8.1%
6/5/2014	Thursday	12	19.4%
<b>6/6/2014</b>	<b>Friday</b>	<b>36</b>	<b>58.1%</b>
<b>6/7/2014</b>	<b>Saturday</b>	<b>34</b>	<b>54.80%</b>
6/8/2014	Sunday	10	16.10%
6/9/2014	Monday	8	12.90%
6/10/2014	Tuesday	15	24.20%
6/11/2014	Wednesday	12	19.40%
6/12/2014	Thursday	14	22.6%
<b>6/13/2014</b>	<b>Friday</b>	<b>40</b>	<b>64.5%</b>
<b>6/14/2014</b>	<b>Saturday</b>	<b>42</b>	<b>67.7%</b>
6/15/2014	Sunday	12	19.4%
6/16/2014	Monday	13	21.0%
6/17/2014	Tuesday	14	22.6%
6/18/2014	Wednesday	17	27.4%
6/19/2014	Thursday	19	30.6%
<b>6/20/2014</b>	<b>Friday</b>	<b>53</b>	<b>85.5%</b>
<b>6/21/2014</b>	<b>Saturday</b>	<b>52</b>	<b>83.9%</b>
6/22/2014	Sunday	27	43.5%
6/23/2014	Monday	29	46.8%
6/24/2014	Tuesday	34	54.8%
6/25/2014	Wednesday	31	50.0%
6/26/2014	Thursday	39	62.9%
<b>6/27/2014</b>	<b>Friday</b>	<b>59</b>	<b>95.2%</b>
<b>6/28/2014</b>	<b>Saturday</b>	<b>59</b>	<b>95.2%</b>
6/29/2014	Sunday	35	56.5%

**Table 2. Silver Lake East Campground - Occupancy Data 2014**

Based on Eldorado National Forest Occupancy Use Logs

Date	Day	Campsite Occupancy (Total: )	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Silver Lake East Campground Occupancy (continued)</b>			
6/30/2014	Monday	43	69.4%
7/1/2014	Tuesday	38	61.3%
7/2/2014	Wednesday	41	66.1%
7/3/2014	Thursday	48	77.4%
<b>7/4/2014</b>	<b>Friday</b>	<b>60</b>	<b>96.8%</b>
<b>7/5/2014</b>	<b>Saturday</b>	<b>51</b>	<b>82.5%</b>
7/6/2014	Sunday	23	37.1%
7/7/2014	Monday	38	61.3%
7/8/2014	Tuesday	37	59.7%
7/9/2014	Wednesday	43	69.4%
7/10/2014	Thursday	52	83.9%
<b>7/11/2014</b>	<b>Friday</b>	<b>59</b>	<b>95.2%</b>
<b>7/12/2014</b>	<b>Saturday</b>	<b>59</b>	<b>95.2%</b>
7/13/2014	Sunday	40	64.5%
7/14/2014	Monday	41	66.1%
7/15/2014	Tuesday	39	63.0%
7/16/2014	Wednesday	42	67.8%
7/17/2014	Thursday	40	64.5%
<b>7/18/2014</b>	<b>Friday</b>	<b>59</b>	<b>95.2%</b>
<b>7/19/2014</b>	<b>Saturday</b>	<b>58</b>	<b>93.5%</b>
7/20/2014	Sunday	29	46.8%
7/21/2014	Monday	44	71.0%
7/22/2014	Tuesday	47	75.8%
7/23/2014	Wednesday	45	72.6%
7/24/2014	Thursday	48	77.4%
<b>7/25/2014</b>	<b>Friday</b>	<b>58</b>	<b>93.5%</b>
<b>7/26/2014</b>	<b>Saturday</b>	<b>58</b>	<b>93.5%</b>
7/27/2014	Sunday	42	67.8%
7/28/2014	Monday	36	58.1%
7/29/2014	Tuesday	40	64.5%
7/30/2014	Wednesday	31	50.0%
7/31/2014	Thursday	40	64.5%
<b>8/1/2014</b>	<b>Friday</b>	<b>58</b>	<b>93.5%</b>
<b>8/2/2014</b>	<b>Saturday</b>	<b>58</b>	<b>93.5%</b>
8/3/2014	Sunday	40	64.5%
8/4/2014	Monday	29	46.8%
8/5/2014	Tuesday	42	67.8%
8/6/2014	Wednesday	41	66.1%
8/7/2014	Thursday	43	69.4%
<b>8/8/2014</b>	<b>Friday</b>	<b>58</b>	<b>93.5%</b>
<b>8/9/2014</b>	<b>Saturday</b>	<b>58</b>	<b>93.5%</b>
8/10/2014	Sunday	33	53.2%
8/11/2014	Monday	30	48.4%
8/12/2014	Tuesday	24	38.7%
8/13/2014	Wednesday	33	53.2%

**Table 2. Silver Lake East Campground - Occupancy Data 2014**

Based on Eldorado National Forest Occupancy Use Logs

Date	Day	Campsite Occupancy (Total: )	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Silver Lake East Campground Occupancy (continued)</b>			
8/14/2014	Thursday	33	53.2%
<b>8/15/2014</b>	<b>Friday</b>	<b>58</b>	<b>93.5%</b>
<b>8/16/2014</b>	<b>Saturday</b>	<b>57</b>	<b>92.0%</b>
8/17/2014	Sunday	33	53.2%
8/18/2014	Monday	32	51.6%
8/19/2014	Tuesday	33	53.2%
8/20/2014	Wednesday	28	45.2%
8/21/2014	Thursday	35	56.5%
<b>8/22/2014</b>	<b>Friday</b>	<b>56</b>	<b>90.3%</b>
<b>8/23/2014</b>	<b>Saturday</b>	<b>52</b>	<b>83.9%</b>
8/24/2014	Sunday	22	35.5%
8/25/2014	Monday	18	29.0%
8/26/2014	Tuesday	18	29.0%
8/27/2014	Wednesday	16	25.8%
8/28/2014	Thursday	33	53.2%
<b>8/29/2014</b>	<b>Friday</b>	<b>57</b>	<b>92.0%</b>
<b>8/30/2014</b>	<b>Saturday</b>	<b>58</b>	<b>93.5%</b>
8/31/2014	Sunday	50	80.6%
9/1/2014	Monday	9	14.5%
9/2/2014	Tuesday	10	16.1%
9/3/2014	Wednesday	11	17.8%
9/4/2014	Thursday	22	35.5%
<b>9/5/2014</b>	<b>Friday</b>	<b>46</b>	<b>74.2%</b>
<b>9/6/2014</b>	<b>Saturday</b>	<b>49</b>	<b>79.0%</b>
9/7/2014	Sunday	20	32.3%
9/8/2014	Monday	15	24.2%
9/9/2014	Tuesday	13	21.0%
9/10/2014	Wednesday	13	21.0%
9/11/2014	Thursday	16	25.8%
<b>9/12/2014</b>	<b>Friday</b>	<b>47</b>	<b>75.8%</b>
<b>9/13/2014</b>	<b>Saturday</b>	<b>55</b>	<b>88.8%</b>
9/14/2014	Sunday	12	19.4%
9/15/2014	Monday	11	17.8%
9/16/2014	Tuesday	10	16.1%
9/17/2014	Wednesday	21	33.9%
9/18/2014	Thursday	23	37.1%
<b>9/19/2014</b>	<b>Friday</b>	<b>45</b>	<b>72.6%</b>
<b>9/20/2014</b>	<b>Saturday</b>	<b>49</b>	<b>79.0%</b>
9/21/2014	Sunday	16	25.8%
9/22/2014	Monday	10	16.1%
9/23/2014	Tuesday	16	25.8%
9/24/2014	Wednesday	11	17.8%
9/25/2014	Thursday	12	19.4%
<b>9/26/2014</b>	<b>Friday</b>	<b>22</b>	<b>35.5%</b>
<b>9/27/2014</b>	<b>Saturday</b>	<b>27</b>	<b>43.5%</b>

**Table 2. Silver Lake East Campground - Occupancy Data 2014**  
 Based on Eldorado National Forest Occupancy Use Logs

Date	Day	Campsite Occupancy (Total: )	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Silver Lake East Campground Occupancy (continued)</b>			
9/28/2014	Sunday	7	11.3%
9/29/2014	Monday	3	4.8%
9/30/2014	Tuesday	4	6.4%
10/1/2014	Wednesday	6	9.7%
10/2/2014	Thursday	8	12.9%
<b>10/3/2014</b>	<b>Friday</b>	<b>23</b>	<b>37.1%</b>
<b>10/4/2014</b>	<b>Saturday</b>	<b>24</b>	<b>38.7%</b>
10/5/2014	Sunday	1	1.6%
10/6/2014	Monday	2	3.2%
10/7/2014	Tuesday	7	11.3%
10/8/2014	Wednesday	7	11.3%
10/9/2014	Thursday	16	25.9%
<b>10/10/2014</b>	<b>Friday</b>	<b>30</b>	<b>48.4%</b>
<b>10/11/2014</b>	<b>Saturday</b>	<b>31</b>	<b>50.0%</b>
10/12/2014	Sunday	8	12.9%
10/13/2014	Monday	4	6.5%
10/14/2014	Tuesday	3	4.8%
10/15/2014	Wednesday	5	8.1%
10/16/2014	Thursday	11	17.7%
<b>10/17/2014</b>	<b>Friday</b>	<b>19</b>	<b>30.6%</b>
<b>10/18/2014</b>	<b>Saturday</b>	<b>16</b>	<b>25.8%</b>
10/19/2014	Sunday	0	0.0%
Note: Campground Capacity:    campsites,    individuals			

**Table 3. Caples Lake Campground - Occupancy Data 2014**

Based on Eldorado National Forest Occupancy Use Logs

Date	Day	Campsite Occupancy (Total: 35)	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Caples Lake Campground Occupancy</b>			
5/22/2014	Thursday	2	5.7%
<b>5/23/2014</b>	<b>Friday</b>	<b>6</b>	<b>17.1%</b>
<b>5/24/2014</b>	<b>Saturday</b>	<b>9</b>	<b>25.7%</b>
5/25/2014	Sunday	5	14.3%
5/26/2014	Monday	2	5.7%
5/27/2014	Tuesday	1	2.8%
5/28/2014	Wednesday	2	5.7%
5/29/2014	Thursday	5	14.3%
<b>5/30/2014</b>	<b>Friday</b>	<b>8</b>	<b>22.9%</b>
<b>5/31/2014</b>	<b>Saturday</b>	<b>9</b>	<b>25.7%</b>
6/1/2014	Sunday	2	5.7%
6/2/2014	Monday	0	0.0%
6/3/2014	Tuesday	3	8.5%
6/4/2014	Wednesday	4	11.4%
6/5/2014	Thursday	4	11.4%
<b>6/6/2014</b>	<b>Friday</b>	<b>10</b>	<b>28.6%</b>
<b>6/7/2014</b>	<b>Saturday</b>	<b>11</b>	<b>31.40%</b>
6/8/2014	Sunday	2	5.70%
6/9/2014	Monday	4	11.40%
6/10/2014	Tuesday	5	14.30%
6/11/2014	Wednesday	5	14.30%
6/12/2014	Thursday	11	31.4%
<b>6/13/2014</b>	<b>Friday</b>	<b>22</b>	<b>62.9%</b>
<b>6/14/2014</b>	<b>Saturday</b>	<b>20</b>	<b>57.1%</b>
6/15/2014	Sunday	7	20.0%
6/16/2014	Monday	10	28.6%
6/17/2014	Tuesday	8	22.9%
6/18/2014	Wednesday	14	40.0%
6/19/2014	Thursday	12	34.3%
<b>6/20/2014</b>	<b>Friday</b>	<b>18</b>	<b>51.4%</b>
<b>6/21/2014</b>	<b>Saturday</b>	<b>18</b>	<b>51.4%</b>
6/22/2014	Sunday	8	22.9%
6/23/2014	Monday	8	22.9%
6/24/2014	Tuesday	10	28.6%
6/25/2014	Wednesday	10	28.6%
6/26/2014	Thursday	14	40.0%
<b>6/27/2014</b>	<b>Friday</b>	<b>31</b>	<b>88.6%</b>
<b>6/28/2014</b>	<b>Saturday</b>	<b>27</b>	<b>77.1%</b>
6/29/2014	Sunday	7	20.0%

**Table 3. Caples Lake Campground - Occupancy Data 2014**

Based on Eldorado National Forest Occupancy Use Logs

Date	Day	Campsite Occupancy (Total: )	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Caples Lake Campground Occupancy (continued)</b>			
6/30/2014	Monday	7	20.0%
7/1/2014	Tuesday	8	22.9%
7/2/2014	Wednesday	12	34.3%
7/3/2014	Thursday	33	94.3%
<b>7/4/2014</b>	<b>Friday</b>	<b>33</b>	<b>94.3%</b>
<b>7/5/2014</b>	<b>Saturday</b>	<b>22</b>	<b>62.9%</b>
7/6/2014	Sunday	8	22.9%
7/7/2014	Monday	4	11.4%
7/8/2014	Tuesday	8	22.9%
7/9/2014	Wednesday	15	42.9%
7/10/2014	Thursday	23	65.7%
<b>7/11/2014</b>	<b>Friday</b>	<b>34</b>	<b>97.1%</b>
<b>7/12/2014</b>	<b>Saturday</b>	<b>34</b>	<b>97.1%</b>
7/13/2014	Sunday	17	48.6%
7/14/2014	Monday	9	25.7%
7/15/2014	Tuesday	15	42.9%
7/16/2014	Wednesday	20	57.1%
7/17/2014	Thursday	32	91.4%
<b>7/18/2014</b>	<b>Friday</b>	<b>34</b>	<b>97.1%</b>
<b>7/19/2014</b>	<b>Saturday</b>	<b>29</b>	<b>82.9%</b>
7/20/2014	Sunday	2	5.7%
7/21/2014	Monday	11	31.4%
7/22/2014	Tuesday	13	37.1%
7/23/2014	Wednesday	10	28.6%
7/24/2014	Thursday	28	80.0%
<b>7/25/2014</b>	<b>Friday</b>	<b>34</b>	<b>97.1%</b>
<b>7/26/2014</b>	<b>Saturday</b>	<b>33</b>	<b>94.3%</b>
7/27/2014	Sunday	16	45.7%
7/28/2014	Monday	19	54.3%
7/29/2014	Tuesday	11	31.4%
7/30/2014	Wednesday	16	45.7%
7/31/2014	Thursday	22	62.9%
<b>8/1/2014</b>	<b>Friday</b>	<b>34</b>	<b>97.1%</b>
<b>8/2/2014</b>	<b>Saturday</b>	<b>34</b>	<b>97.1%</b>
8/3/2014	Sunday	14	40.0%
8/4/2014	Monday	11	31.4%
8/5/2014	Tuesday	14	40.0%
8/6/2014	Wednesday	23	65.7%
8/7/2014	Thursday	29	82.9%
<b>8/8/2014</b>	<b>Friday</b>	<b>32</b>	<b>91.4%</b>
<b>8/9/2014</b>	<b>Saturday</b>	<b>24</b>	<b>68.6%</b>
8/10/2014	Sunday	10	28.6%
8/11/2014	Monday	13	37.1%
8/12/2014	Tuesday	11	31.4%
8/13/2014	Wednesday	15	42.9%

**Table 3. Caples Lake Campground - Occupancy Data 2014**  
 Based on Eldorado National Forest Occupancy Use Logs

Date	Day	Campsite Occupancy (Total: )	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Caples Lake Campground Occupancy (continued)</b>			
8/14/2014	Thursday	24	68.6%
<b>8/15/2014</b>	<b>Friday</b>	<b>33</b>	<b>94.3%</b>
<b>8/16/2014</b>	<b>Saturday</b>	<b>34</b>	<b>97.1%</b>
8/17/2014	Sunday	9	25.7%
8/18/2014	Monday	13	37.1%
8/19/2014	Tuesday	11	31.4%
8/20/2014	Wednesday	6	17.1%
8/21/2014	Thursday	10	28.6%
<b>8/22/2014</b>	<b>Friday</b>	<b>15</b>	<b>42.9%</b>
<b>8/23/2014</b>	<b>Saturday</b>	<b>21</b>	<b>60.0%</b>
8/24/2014	Sunday	6	17.1%
8/25/2014	Monday	5	14.3%
8/26/2014	Tuesday	7	20.0%
8/27/2014	Wednesday	10	28.6%
8/28/2014	Thursday	13	37.1%
<b>8/29/2014</b>	<b>Friday</b>	<b>26</b>	<b>74.3%</b>
<b>8/30/2014</b>	<b>Saturday</b>	<b>26</b>	<b>74.3%</b>
8/31/2014	Sunday	19	54.3%
9/1/2014	Monday	9	25.7%
9/2/2014	Tuesday	4	11.4%
9/3/2014	Wednesday	6	17.1%
9/4/2014	Thursday	12	34.3%
<b>9/5/2014</b>	<b>Friday</b>	<b>23</b>	<b>65.7%</b>
<b>9/6/2014</b>	<b>Saturday</b>	<b>26</b>	<b>74.3%</b>
9/7/2014	Sunday	8	22.9%
9/8/2014	Monday	10	28.6%
9/9/2014	Tuesday	9	25.7%
9/10/2014	Wednesday	8	22.9%
9/11/2014	Thursday	12	34.3%
<b>9/12/2014</b>	<b>Friday</b>	<b>23</b>	<b>65.7%</b>
<b>9/13/2014</b>	<b>Saturday</b>	<b>24</b>	<b>68.6%</b>
9/14/2014	Sunday	9	25.7%
9/15/2014	Monday	9	25.7%
9/16/2014	Tuesday	12	34.3%
9/17/2014	Wednesday	9	25.7%
9/18/2014	Thursday	12	34.3%
<b>9/19/2014</b>	<b>Friday</b>	<b>23</b>	<b>65.7%</b>
<b>9/20/2014</b>	<b>Saturday</b>	<b>19</b>	<b>54.3%</b>
9/21/2014	Sunday	3	8.6%
9/22/2014	Monday	7	20.0%
9/23/2014	Tuesday	6	17.1%
9/24/2014	Wednesday	4	11.4%
9/25/2014	Thursday	6	17.1%
<b>9/26/2014</b>	<b>Friday</b>	<b>8</b>	<b>22.9%</b>
<b>9/27/2014</b>	<b>Saturday</b>	<b>7</b>	<b>20.0%</b>

**Table 3. Caples Lake Campground - Occupancy Data 2014**

Based on Eldorado National Forest Occupancy Use Logs

Date	Day	Campsite Occupancy (Total: )	
		Number of Campsites Occupied	Percentage of Campsites Occupied
<b>2014 Caples Lake Campground Occupancy (continued)</b>			
9/28/2014	Sunday	4	11.4%
9/29/2014	Monday	6	17.1%
9/30/2014	Tuesday	8	22.9%
10/1/2014	Wednesday	7	20.0%
10/2/2014	Thursday	6	17.1%
<b>10/3/2014</b>	<b>Friday</b>	<b>11</b>	<b>31.4%</b>
<b>10/4/2014</b>	<b>Saturday</b>	<b>8</b>	<b>22.9%</b>
10/5/2014	Sunday	1	2.9%
10/6/2014	Monday	1	2.9%
10/7/2014	Tuesday	0	0.0%
10/8/2014	Wednesday	1	2.9%
10/9/2014	Thursday	5	14.3%
<b>10/10/2014</b>	<b>Friday</b>	<b>7</b>	<b>20.0%</b>
<b>10/11/2014</b>	<b>Saturday</b>	<b>11</b>	<b>31.4%</b>
10/12/2014	Sunday	5	14.3%
10/13/2014	Monday	1	2.9%
10/14/2014	Tuesday	2	5.7%
10/15/2014	Wednesday	1	2.9%
10/16/2014	Thursday	0	0.0%
<b>10/17/2014</b>	<b>Friday</b>	<b>3</b>	<b>8.6%</b>
<b>10/18/2014</b>	<b>Saturday</b>	<b>0</b>	<b>0.0%</b>
10/19/2014	Sunday	0	0.0%
Note: Campground Capacity:    campsites,    individuals			



**Table 4. 2014 Lake Aloha Permits 2014**

Based on Eldorado National Forest Wilderness Permit Data

Date	Day of Week	Capacity of Individuals (Mt Price =12/day, Aloha=36/day, American=10/day, China Flat = 12/day, Waca= 5/day Total = 75/day or 2,325/month)		No. of Permits Sold
		Number of Individuals	Percent Capacity Reached	
<b>2014 Lake Aloha Occupancy</b>				
<b>1/3/2014</b>	<b>Friday</b>	<b>2</b>	<b>2.67%</b>	<b>1</b>
<b>1/4/2014</b>	<b>Saturday</b>	<b>2</b>	<b>2.67%</b>	<b>1</b>
1/15/2014	Wednesday	1	1.33%	1
<b>1/17/2014</b>	<b>Friday</b>	<b>3</b>	<b>4.00%</b>	<b>1</b>
<b>1/18/2014</b>	<b>Saturday</b>	<b>6</b>	<b>8.00%</b>	<b>3</b>
1/23/2014	Thursday	1	1.33%	1
<b>1/24/2014</b>	<b>Friday</b>	<b>1</b>	<b>1.33%</b>	<b>1</b>
<b>1/25/2014</b>	<b>Saturday</b>	<b>2</b>	<b>2.67%</b>	<b>1</b>
1/26/2014	Sunday	1	1.33%	1
<b>January 2014</b>		<b>19</b>	<b>0.82%</b>	<b>11</b>
<b>2/1/2014</b>	<b>Saturday</b>	<b>12</b>	<b>16.00%</b>	<b>1</b>
2/5/2014	Wednesday	2	2.67%	1
<b>2/14/2014</b>	<b>Friday</b>	<b>2</b>	<b>2.67%</b>	<b>1</b>
2/17/2014	Monday	3	4.00%	1
<b>2/21/2014</b>	<b>Friday</b>	<b>1</b>	<b>1.33%</b>	<b>1</b>
<b>February 2014</b>		<b>20</b>	<b>0.86%</b>	<b>5</b>
<b>3/1/2014</b>	<b>Saturday</b>	<b>2</b>	<b>2.67%</b>	<b>1</b>
3/13/2014	Thursday	4	5.33%	1
<b>3/15/2014</b>	<b>Saturday</b>	<b>6</b>	<b>8.00%</b>	<b>2</b>
3/19/2014	Wednesday	6	8.00%	2
<b>3/21/2014</b>	<b>Friday</b>	<b>2</b>	<b>2.67%</b>	<b>2</b>
<b>3/22/2014</b>	<b>Saturday</b>	<b>1</b>	<b>1.33%</b>	<b>1</b>
3/25/2014	Tuesday	3	4.00%	1
3/27/2014	Thursday	4	5.33%	1
<b>3/29/2014</b>	<b>Saturday</b>	<b>2</b>	<b>2.67%</b>	<b>2</b>
<b>March 2014</b>		<b>34</b>	<b>1.46%</b>	<b>13</b>
<b>4/5/2014</b>	<b>Saturday</b>	<b>2</b>	<b>2.67%</b>	<b>2</b>
4/10/2014	Thursday	1	1.33%	1
4/14/2014	Monday	1	1.33%	1
4/16/2014	Wednesday	5	6.67%	1
4/17/2014	Thursday	1	1.33%	1
<b>4/18/2014</b>	<b>Friday</b>	<b>4</b>	<b>5.33%</b>	<b>2</b>
<b>4/19/2014</b>	<b>Saturday</b>	<b>3</b>	<b>4.00%</b>	<b>2</b>
4/21/2014	Monday	2	2.67%	1
<b>4/26/2014</b>	<b>Saturday</b>	<b>1</b>	<b>1.33%</b>	<b>1</b>
<b>April 2014</b>		<b>20</b>	<b>0.86%</b>	<b>12</b>
5/1/2014	Thursday	1	1.33%	1
<b>5/2/2014</b>	<b>Friday</b>	<b>1</b>	<b>1.33%</b>	<b>1</b>
5/6/2014	Tuesday	1	1.33%	1
<b>5/9/2014</b>	<b>Friday</b>	<b>1</b>	<b>1.33%</b>	<b>1</b>
<b>5/10/2014</b>	<b>Saturday</b>	<b>14</b>	<b>18.67%</b>	<b>4</b>
5/13/2014	Thursday	3	4.00%	2
5/14/2014	Wednesday	3	4.00%	2

**Table 4. 2014 Lake Aloha Permits 2014**

Based on Eldorado National Forest Wilderness Permit Data

Date	Day of Week	Individuals		Permit Occupancy
		Number of Individuals	Percent Capacity Reached	Number of Permits Sold
<b>2014 Lake Aloha Occupancy (continued)</b>				
5/15/2014	Thursday	1	1.33%	1
<b>5/16/2014</b>	<b>Friday</b>	<b>21</b>	<b>28.00%</b>	<b>9</b>
<b>5/17/2014</b>	<b>Saturday</b>	<b>9</b>	<b>12.00%</b>	<b>3</b>
5/18/2014	Sunday	1	1.33%	1
5/22/2014	Thursday	15	20.00%	6
<b>5/23/2014</b>	<b>Friday</b>	<b>57</b>	<b>76.00%</b>	<b>23</b>
<b>5/24/2014</b>	<b>Saturday</b>	<b>63</b>	<b>84.00%</b>	<b>22</b>
5/25/2014	Sunday	37	49.33%	13
5/26/2014	Monday	13	17.33%	6
5/27/2014	Tuesday	4	5.33%	1
5/28/2014	Wednesday	4	5.33%	3
5/29/2014	Thursday	22	29.33%	6
<b>5/30/2014</b>	<b>Friday</b>	<b>30</b>	<b>40.00%</b>	<b>13</b>
<b>5/31/2014</b>	<b>Saturday</b>	<b>42</b>	<b>56.00%</b>	<b>13</b>
<b>May 2014</b>		<b>343</b>	<b>14.75%</b>	<b>132</b>
6/1/2014	Sunday	15	20.00%	6
6/2/2014	Monday	7	9.33%	4
6/3/2014	Tuesday	15	20.00%	6
6/4/2014	Wednesday	7	9.33%	5
6/5/2014	Thursday	16	21.33%	5
<b>6/6/2014</b>	<b>Friday</b>	<b>42</b>	<b>56.00%</b>	<b>15</b>
<b>6/7/2014</b>	<b>Saturday</b>	<b>57</b>	<b>76.00%</b>	<b>21</b>
6/8/2014	Sunday	13	17.33%	6
6/9/2014	Monday	31	41.33%	13
6/10/2014	Tuesday	9	12.00%	7
6/11/2014	Wednesday	6	8.00%	4
6/12/2014	Thursday	24	32.00%	6
<b>6/13/2014</b>	<b>Friday</b>	<b>53</b>	<b>70.67%</b>	<b>14</b>
<b>6/14/2014</b>	<b>Saturday</b>	<b>59</b>	<b>78.67%</b>	<b>14</b>
6/15/2014	Sunday	25	33.33%	11
6/16/2014	Monday	43	57.33%	15
6/17/2014	Tuesday	31	41.33%	12
6/18/2014	Wednesday	29	38.67%	6
6/19/2014	Thursday	67	89.33%	18
<b>6/20/2014</b>	<b>Friday</b>	<b>57</b>	<b>76.00%</b>	<b>19</b>
<b>6/21/2014</b>	<b>Saturday</b>	<b>63</b>	<b>84.00%</b>	<b>22</b>
6/22/2014	Sunday	49	65.33%	16
6/23/2014	Monday	31	41.33%	9
6/24/2014	Tuesday	33	44.00%	18
6/25/2014	Wednesday	33	44.00%	10
6/26/2014	Thursday	47	62.67%	15
<b>6/27/2014</b>	<b>Friday</b>	<b>63</b>	<b>84.00%</b>	<b>18</b>
<b>6/28/2014</b>	<b>Saturday</b>	<b>66</b>	<b>88.00%</b>	<b>16</b>
6/29/2014	Sunday	43	57.33%	11
6/30/2014	Monday	35	46.67%	11
<b>June 2014</b>		<b>1069</b>	<b>45.98%</b>	<b>332</b>

**Table 4. 2014 Lake Aloha Permits 2014**

Based on Eldorado National Forest Wilderness Permit Data

Date	Day of Week	Individuals		Permit Occupancy
		Number of Individuals	Percent Capacity Reached	Number of Permits Sold
<b>2014 Lake Aloha Occupancy (continued)</b>				
7/1/2014	Tuesday	42	56.00%	14
7/2/2014	Wednesday	44	58.67%	12
7/3/2014	Thursday	60	80.00%	17
<b>7/4/2014</b>	<b>Friday</b>	<b>74</b>	<b>98.67%</b>	<b>22</b>
<b>7/5/2014</b>	<b>Saturday</b>	<b>63</b>	<b>84.00%</b>	<b>20</b>
7/6/2014	Sunday	47	62.67%	12
7/7/2014	Monday	49	65.33%	18
7/8/2014	Tuesday	21	28.00%	8
7/9/2014	Wednesday	46	61.33%	13
7/10/2014	Thursday	45	60.00%	12
<b>7/11/2014</b>	<b>Friday</b>	<b>60</b>	<b>80.00%</b>	<b>18</b>
<b>7/12/2014</b>	<b>Saturday</b>	<b>71</b>	<b>94.67%</b>	<b>30</b>
7/13/2014	Sunday	34	45.33%	14
7/14/2014	Monday	38	50.67%	11
7/15/2014	Tuesday	49	65.33%	19
7/16/2014	Wednesday	34	45.33%	7
7/17/2014	Thursday	50	66.67%	10
<b>7/18/2014</b>	<b>Friday</b>	<b>75</b>	<b>100.00%</b>	<b>20</b>
<b>7/19/2014</b>	<b>Saturday</b>	<b>69</b>	<b>92.00%</b>	<b>25</b>
7/20/2014	Sunday	45	60.00%	13
7/21/2014	Monday	48	64.00%	9
7/22/2014	Tuesday	41	54.67%	15
7/23/2014	Wednesday	64	85.33%	18
7/24/2014	Thursday	51	68.00%	18
<b>7/25/2014</b>	<b>Friday</b>	<b>82</b>	<b>109.33%</b>	<b>23</b>
<b>7/26/2014</b>	<b>Saturday</b>	<b>85</b>	<b>113.33%</b>	<b>29</b>
7/27/2014	Sunday	43	57.33%	11
7/28/2014	Monday	44	58.67%	14
7/29/2014	Tuesday	52	69.33%	26
7/30/2014	Wednesday	55	73.33%	17
7/31/2014	Thursday	48	64.00%	14
<b>July 2014</b>		<b>1629</b>	<b>70.06%</b>	<b>424</b>
<b>8/1/2014</b>	<b>Friday</b>	<b>82</b>	<b>109.33%</b>	<b>20</b>
<b>8/2/2014</b>	<b>Saturday</b>	<b>75</b>	<b>100.00%</b>	<b>20</b>
8/3/2014	Sunday	52	69.33%	11
8/4/2014	Monday	32	42.67%	12
8/5/2014	Tuesday	25	33.33%	8
8/6/2014	Wednesday	47	62.67%	17
8/7/2014	Thursday	69	92.00%	22
<b>8/8/2014</b>	<b>Friday</b>	<b>67</b>	<b>89.33%</b>	<b>20</b>
<b>8/9/2014</b>	<b>Saturday</b>	<b>69</b>	<b>92.00%</b>	<b>22</b>
8/10/2014	Sunday	45	60.00%	16
8/11/2014	Monday	49	65.33%	21
8/12/2014	Tuesday	34	45.33%	14
8/13/2014	Wednesday	29	38.67%	10
8/14/2014	Thursday	60	80.00%	16
<b>8/15/2014</b>	<b>Friday</b>	<b>74</b>	<b>98.67%</b>	<b>24</b>
<b>8/16/2014</b>	<b>Saturday</b>	<b>64</b>	<b>85.33%</b>	<b>21</b>

**Table 4. 2014 Lake Aloha Permits 2014**

Based on Eldorado National Forest Wilderness Permit Data

Date	Day of Week	Individuals		Permit Occupancy
		Number of Individuals	Percent Capacity Reached	Number of Permits Sold
<b>2014 Lake Aloha Occupancy (continued)</b>				
8/17/2014	Sunday	57	76.00%	16
8/18/2014	Monday	32	42.67%	13
8/19/2014	Tuesday	39	52.00%	15
8/20/2014	Wednesday	45	60.00%	15
8/21/2014	Thursday	35	46.67%	14
<b>8/22/2014</b>	<b>Friday</b>	<b>59</b>	<b>78.67%</b>	<b>19</b>
<b>8/23/2014</b>	<b>Saturday</b>	<b>60</b>	<b>80.00%</b>	<b>21</b>
8/24/2014	Sunday	23	30.67%	11
8/25/2014	Monday	39	52.00%	12
8/26/2014	Tuesday	17	22.67%	10
8/27/2014	Wednesday	18	24.00%	8
8/28/2014	Thursday	37	49.33%	11
<b>8/29/2014</b>	<b>Friday</b>	<b>60</b>	<b>80.00%</b>	<b>17</b>
<b>8/30/2014</b>	<b>Saturday</b>	<b>74</b>	<b>98.67%</b>	<b>18</b>
8/31/2014	Sunday	<b>64</b>	85.33%	22
<b>August 2014</b>		<b>1532</b>	<b>65.89%</b>	<b>328</b>
9/1/2014	Monday	22	29.33%	12
9/2/2014	Tuesday	29	38.67%	10
9/3/2014	Wednesday	13	17.33%	7
9/4/2014	Thursday	25	33.33%	10
<b>9/5/2014</b>	<b>Friday</b>	<b>61</b>	<b>81.33%</b>	<b>20</b>
<b>9/6/2014</b>	<b>Saturday</b>	<b>67</b>	<b>89.33%</b>	<b>20</b>
9/7/2014	Sunday	18	24.00%	9
9/8/2014	Monday	19	25.33%	8
9/9/2014	Tuesday	38	50.67%	12
9/10/2014	Wednesday	19	25.33%	8
9/11/2014	Thursday	16	21.33%	8
<b>9/12/2014</b>	<b>Friday</b>	<b>65</b>	<b>86.67%</b>	<b>21</b>
<b>9/13/2014</b>	<b>Saturday</b>	<b>66</b>	<b>88.00%</b>	<b>21</b>
9/14/2014	Sunday	9	12.00%	3
9/15/2014	Monday	9	12.00%	7
9/16/2014	Tuesday	0	0.00%	4
9/17/2014	Wednesday	0	0.00%	4
9/18/2014	Thursday	0	0.00%	4
<b>9/19/2014</b>	<b>Friday</b>	<b>0</b>	<b>0.00%</b>	<b>12</b>
<b>9/20/2014</b>	<b>Saturday</b>	<b>6</b>	<b>8.00%</b>	<b>16</b>
9/21/2014	Sunday	0	0.00%	4
9/22/2014	Monday	0	0.00%	1
9/23/2014	Tuesday	0	0.00%	1
9/24/2014	Wednesday	0	0.00%	1
9/25/2014	Thursday	0	0.00%	3
<b>9/26/2014</b>	<b>Friday</b>	<b>0</b>	<b>0.00%</b>	<b>10</b>
<b>9/27/2014</b>	<b>Saturday</b>	<b>0</b>	<b>0.00%</b>	<b>16</b>
9/29/2014	Monday	0	0.00%	1
<b>September 2014</b>		<b>482</b>	<b>20.73%</b>	<b>231</b>
<b>10/3/2014</b>	<b>Friday</b>	<b>2</b>	<b>2.67%</b>	<b>1</b>
<b>10/4/2014</b>	<b>Saturday</b>	<b>37</b>	<b>49.33%</b>	<b>9</b>

**Table 4. 2014 Lake Aloha Permits 2014**

Based on Eldorado National Forest Wilderness Permit Data

Date	Day of Week	Individuals		Permit Occupancy
		Number of Individuals	Percent Capacity Reached	Number of Permits Sold
<b>2014 Lake Aloha Occupancy (continued)</b>				
10/5/2014	Sunday	18	24.00%	5
10/7/2014	Tuesday	8	10.67%	3
<b>10/10/2014</b>	<b>Friday</b>	<b>1</b>	<b>1.33%</b>	<b>1</b>
<b>10/11/2014</b>	<b>Saturday</b>	<b>6</b>	<b>8.00%</b>	<b>1</b>
10/12/2014	Sunday	18	24.00%	5
10/13/2014	Monday	2	2.67%	1
<b>10/18/2014</b>	<b>Saturday</b>	<b>7</b>	<b>9.33%</b>	<b>3</b>
10/19/2014	Sunday	3	4.00%	2
10/20/2014	Monday	9	12.00%	4
10/21/2014	Tuesday	2	2.67%	1
<b>10/24/2014</b>	<b>Friday</b>	<b>1</b>	<b>1.33%</b>	<b>1</b>
<b>10/25/2014</b>	<b>Saturday</b>	<b>20</b>	<b>26.67%</b>	<b>4</b>
10/26/2014	Sunday	14	18.67%	4
10/29/2014	Wednesday	3	4.00%	1
<b>October 2014</b>		<b>151</b>		<b>46</b>
<b>11/1/2013</b>	<b>Friday</b>	<b>4</b>	<b>5.33%</b>	<b>1</b>
<b>11/2/2013</b>	<b>Saturday</b>	<b>3</b>	<b>4.00%</b>	<b>1</b>
<b>11/9/2013</b>	<b>Saturday</b>	<b>23</b>	<b>30.67%</b>	<b>5</b>
11/10/2013	Sunday	4	5.33%	2
11/13/2013	Wednesday	2	2.67%	1
<b>11/16/2013</b>	<b>Saturday</b>	<b>4</b>	<b>5.33%</b>	<b>2</b>
11/17/2013	Sunday	2	2.67%	1
<b>11/23/2013</b>	<b>Saturday</b>	<b>7</b>	<b>9.33%</b>	<b>2</b>
<b>11/29/2013</b>	<b>Friday</b>	<b>4</b>	<b>5.33%</b>	<b>2</b>
<b>November 2014</b>		<b>53</b>	<b>2.28%</b>	<b>17</b>
12/29/2013	Sunday	2	2.67%	1
12/31/2013	Tuesday	2	2.67%	1
<b>December 2013</b>		<b>4</b>	<b>0.17%</b>	<b>2</b>

Note: Lake Aloha Capacity: 75/day and 2,325 individuals per month based on 1998 Wilderness Guidelines

\* The Lake Aloha permit numbers in the fall of 2014 were down due to closures/cancellations due to the King Fire. Therefore this data includes some 2013 permit data.

\*\*The data includes permits sold in five Wilderness Zones and assumes that all permits sold in these zones were for recreationsists who stayed the night at Lake Aloha. This data summarized above is therefore an over-estimate of the number of overnight campers at Lake Aloha.

**Table 5 Recreation Activities at Sandy Cove, Caples Lake, Silver Lake <sup>(1)</sup>.**

<b>Activity Description</b>	<b>Formal <sup>(2)</sup> Overnight Visitation</b>	<b>Informal <sup>(3)</sup> Day Use Visitation</b>
Hiking	42.1%	15.0%
Sailing	5.3%	0.0%
Motor Boating	10.5%	10.0%
Water Skiing	0.0%	0.0%
Other Boating	5.3%	5.0%
Camping (primitive)	0.0%	10.0%
Camping (developed)	100.0%	0.0%
Swimming	31.6%	25.0%
Wildlife Observations	26.3%	0.0%
Other Nature Study	0.0%	0.0%
Landscape Photography	5.3%	5.0%
Fishing	57.9%	45.0%
Horseback Riding	0.0%	0.0%
Bicycling	5.3%	0.0%
Sunbathing	15.8%	15.0%
Picnicking	5.3%	25.0%
Running/Jogging	5.3%	0.0%
Kayaking/Canoeing	10.5%	20.0%
Driving Vehicles/Motorcycles	5.3%	5.0%
Just Relaxing	42.1%	15.0%
Tubing	0.0%	0.0%
Winter Play	0.0%	5.0%
Resorts, Cabins, Rental Accommodations	5.3%	0.0%

<sup>(1)</sup> Data represents the percentage of recreational activity engaged in by visitors to the Project area during the implementation of the 2014 Recreational Use Survey.

<sup>(2)</sup> Formal recreation sites are the developed campgrounds.

<sup>(3)</sup> Informal recreation sites include the day-use and dispersed recreation opportunities.

**Table 6 - HIGHWAY 88 NON-FEE PARKING VEHICLE COUNT**

DATE OF SURVEY	DAY OF WEEK	KIT	MM	CA	WC	WEATHER
5/1/2014	Thursday					
5/2/2014	Friday					
5/3/2014	Saturday					
5/4/2014	Sunday					
5/5/2014	Monday					
5/6/2014	Tuesday					
5/7/2014	Wednesday					
5/8/2014	Thursday					
5/9/2014	Friday					
5/10/2014	Saturday	7	0	12	0	snow/cold
5/11/2014	Sunday		0	9	0	sunny
5/12/2014	Monday					
5/13/2014	Tuesday					
5/14/2014	Wednesday					
5/15/2014	Thursday					
5/16/2014	Friday					
5/17/2014	Saturday	12	0	18	4	sun/warm
5/18/2014	Sunday	12	0	4	7	sun/warm
5/19/2014	Monday			6		
5/20/2014	Tuesday			7		
5/21/2014	Wednesday					
5/22/2014	Thursday					
5/23/2014	Friday			3		
5/24/2014	Saturday	40	6	25	15	sun/warm
5/25/2014	Sunday	30	5	40	18	sun/warm
5/26/2014	Monday	18		12		
5/27/2014	Tuesday			9		
5/28/2014	Wednesday					
5/29/2014	Thursday					
5/30/2014	Friday	14		20	10	
5/31/2014	Saturday	35	8	22	12	sun/warm
6/1/2014	Sunday	40		35	12	clear/warm
6/2/2014	Monday					
6/3/2014	Tuesday					
6/4/2014	Wednesday					
6/5/2014	Thursday					
6/6/2014	Friday		7	30		
6/7/2014	Saturday	50+	13	40+	12	sun/warm
6/8/2014	Sunday	18	15	50+	15	sun/warm
6/9/2014	Monday					
6/10/2014	Tuesday					
6/11/2014	Wednesday					
6/12/2014	Thursday					
6/13/2014	Friday	17		18		
6/14/2014	Saturday	40	25	40	17	clear/warm
6/15/2014	Sunday	12		27	11	clear/warm
6/16/2014	Monday	18				
6/17/2014	Tuesday					
6/18/2014	Wednesday					
6/19/2014	Thursday					
6/20/2014	Friday	19		4	2	
6/21/2014	Saturday	50+	13	40+	12	clear/warm
6/22/2014	Sunday	50+		15	20	sunny
6/23/2014	Monday			2	3	
6/24/2014	Tuesday					
6/25/2014	Wednesday					
6/26/2014	Thursday					
6/27/2014	Friday	30		30	3	

KIT- Kit Carson road highway 88 east to Silver Lake Dam  
MM- Martin Meadows overflow dispersed camp  
CA- Caples Lake Auxiliary Dam  
WC- Woods Creek Fishing Access

Table 6 - HIGHWAY 88 NON-FEE PARKING VEHICLE COUNT						
6/28/2014	Saturday	50+	15	50	19	sun
6/29/2014	Sunday	50+		40	7	warm
6/30/2014	Monday	40		18	8	
7/1/2014	Tuesday					
7/2/2014	Wednesday					
7/3/2014	Thursday					
7/4/2014	Friday	50		40		
7/5/2014	Saturday	50		50	18	clear hot
7/6/2014	Sunday	50		50	4	clear hot
7/7/2014	Monday	18		12		
7/8/2014	Tuesday					
7/9/2014	Wednesday					
7/10/2014	Thursday					
7/11/2014	Friday	17		14	10	
7/12/2014	Saturday	50		35	12	nice
7/13/2014	Sunday	50		40	10	
7/14/2014	Monday	10				
7/15/2014	Tuesday					
7/16/2014	Wednesday					
7/17/2014	Thursday					
7/18/2014	Friday	14		30	10	
7/19/2014	Saturday	50		50	14	warm/cloudy
7/20/2014	Sunday	50		27	15	warm/rain
7/21/2014	Monday	25			7	
7/22/2014	Tuesday					
7/23/2014	Wednesday					
7/24/2014	Thursday					
7/25/2014	Friday	30		40	3	breezy/warm
7/26/2014	Saturday	50		50	12	clear/cooler
7/27/2014	Sunday	45		32	20	
7/28/2014	Monday	12		14	4	
7/29/2014	Tuesday					
7/30/2014	Wednesday	4				
7/31/2014	Thursday					
8/1/2014	Friday					
8/2/2014	Saturday	50+		50+	12	warm/windy
8/3/2014	Sunday	50+		4	10	warm/windy
8/4/2014	Monday					
8/5/2014	Tuesday					
8/6/2014	Wednesday					
8/7/2014	Thursday					
8/8/2014	Friday	18		18	2	
8/9/2014	Saturday	50+		50+	20	cool/fish biting
8/10/2014	Sunday	40		40	18	rain
8/11/2014	Monday	2				
8/12/2014	Tuesday					
8/13/2014	Wednesday					
8/14/2014	Thursday					
8/15/2014	Friday	30		55	25	sun
8/16/2014	Saturday	50+		40	12	sun
8/17/2014	Sunday	45				
8/18/2014	Monday	18				
8/19/2014	Tuesday					
8/20/2014	Wednesday					
8/21/2014	Thursday					
8/22/2014	Friday	12				
8/23/2014	Saturday	50+		50+	20	sun
8/24/2014	Sunday	18		35	16	sun
8/25/2014	Monday	7				
8/26/2014	Tuesday					
8/27/2014	Wednesday					
8/28/2014	Thursday					
8/29/2014	Friday	6			7	

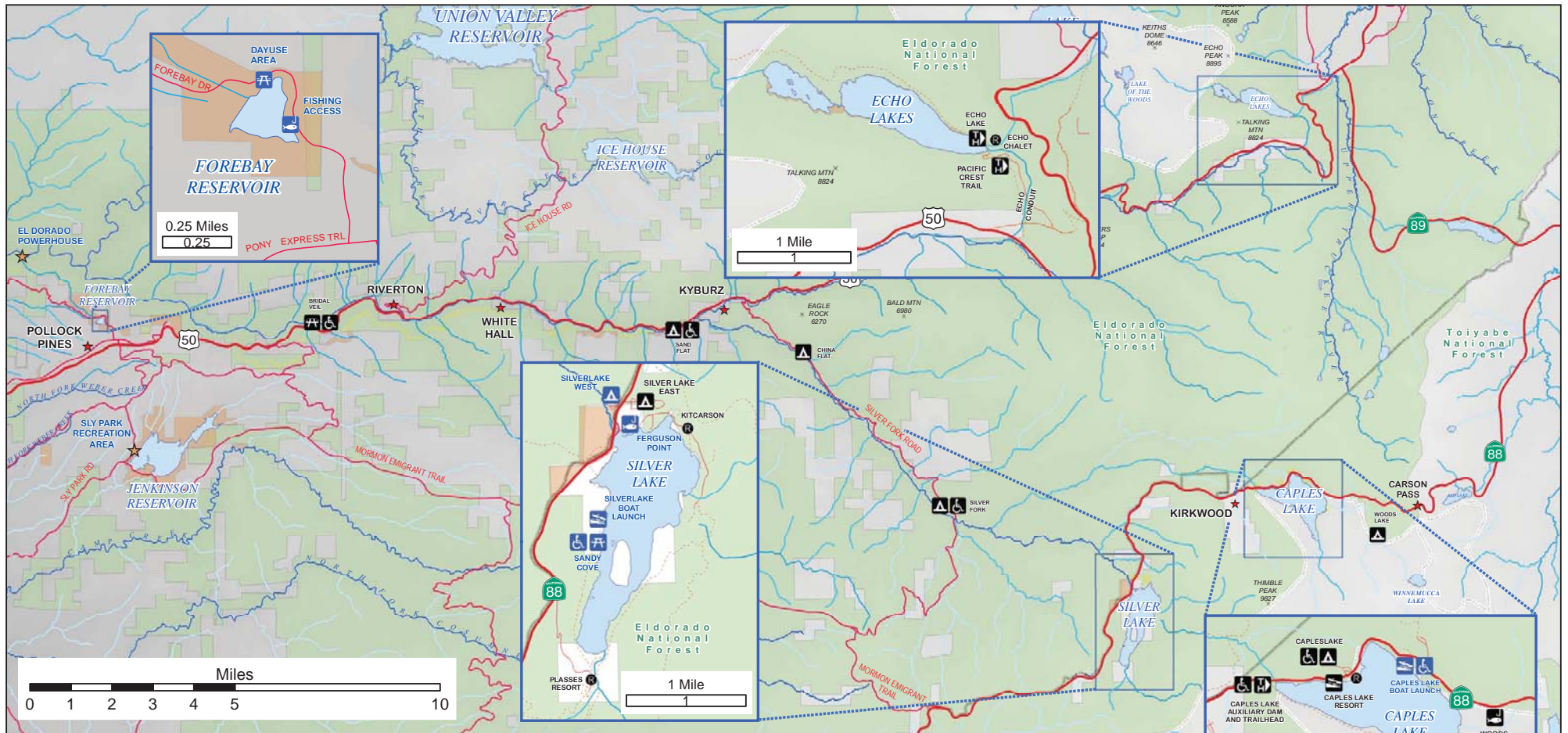
KIT- Kit Carson road highway 88 east to Silver Lake Dam  
MM- Martin Meadows overflow dispersed camp  
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WC- Woods Creek Fishing Access



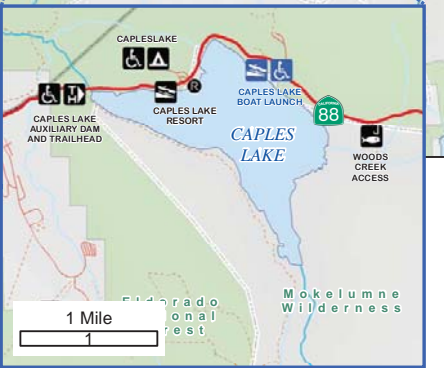
Table 6 - HIGHWAY 88 NON-FEE PARKING VEHICLE COUNT						
8/30/2014	Saturday	50		45	18	sun
8/31/2014	Sunday	27		35	12	sun
9/1/2014	Monday					
9/2/2014	Tuesday					
9/3/2014	Wednesday					
9/4/2014	Thursday					
9/5/2014	Friday	12		5		
9/6/2014	Saturday	30		15	7	
9/7/2014	Sunday	18		20	9	
9/8/2014	Monday	7		7		
9/9/2014	Tuesday					
9/10/2014	Wednesday					
9/11/2014	Thursday					
9/12/2014	Friday	7		7		
9/13/2014	Saturday	25		21	12	
9/14/2014	Sunday	25		14	4	
9/15/2014	Monday	14		3		
9/16/2014	Tuesday					
9/17/2014	Wednesday					
9/18/2014	Thursday					
9/19/2014	Friday			18		
9/20/2014	Saturday	14		10	7	rain
9/21/2014	Sunday	12		7	1	rain
9/22/2014	Monday					
9/23/2014	Tuesday					
9/24/2014	Wednesday					
9/25/2014	Thursday					
9/26/2014	Friday					
9/27/2014	Saturday	22		12	6	rain
9/28/2014	Sunday	18		8	6	rain
9/29/2014	Monday					
9/30/2014	Tuesday					
10/1/2014	Wednesday					
10/2/2014	Thursday					
10/3/2014	Friday					
10/4/2014	Saturday	12		10		
10/5/2014	Sunday	7		10		
10/6/2014	Monday					
10/7/2014	Tuesday					
10/8/2014	Wednesday					
10/9/2014	Thursday					
10/10/2014	Friday					
10/11/2014	Saturday	14		10		
10/12/2014	Sunday	0		7		
10/13/2014	Monday					
10/14/2014	Tuesday					
10/15/2014	Wednesday					
10/16/2014	Thursday					
10/17/2014	Friday					
10/18/2014	Saturday	3		12		
10/19/2014	Sunday	9		15		
10/20/2014	Monday					
10/21/2014	Tuesday					
10/22/2014	Wednesday					
10/23/2014	Thursday					
10/24/2014	Friday					
10/25/2014	Saturday	12		7		
10/26/2014	Sunday	7				
10/27/2014	Monday					
10/28/2014	Tuesday					
10/29/2014	Wednesday					
10/30/2014	Thursday					
10/31/2014	Friday					

KIT- Kit Carson road highway 88 east to Silver Lake Dam  
MM- Martin Meadows overflow dispersed camp  
CA- Caples Lake Auxiliary Dam  
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## FIGURES



	Accessible		Equestrian		Picnic Area		InsertFrames
	Accessible Other		Equestrian Other		Picnic Area Other		El Dorado Irrigation District
	Boat Launch		Fishing Area		Resort		Federal Land Boundaries
	Boat Launch Other		Fishing Area Other		Skiing		Eldorado National Forest
	Campground		Museum		Trailhead		
	Campground Other		Park Office		Trailhead Other		



Recreation Facilities  
Associated with Project 184

Feb. 2015  
**Figure 1**

**APPENDIX A**  
**CONSULTATION SUMMARY**

<b>Appendix A. Summary of Consultation for the El Dorado Hydroelectric Project (FERC Project No. 184)</b>		
<b>CONTACT</b>	<b>DATE</b>	<b>TOPIC OF CONSULTATION</b>
<b>USDA-Forest Service (USDA-FS)</b>		
Meeting with Micki Smith (Amador Ranger District), Cheri Jagers (EID) and Carl Certiberi (EID).	12/17/13	Discussed upcoming 2014 Recreation User Surveys in the project area.
Telephone and email conversation from Karen Quidachay (Landmark Environmental) to Micki Smith (United States Forest Service-ENF)	2/2/15	Quidachay inquired about recreational use data collected at overnight recreation facilities in the Project area. Smith requested that Ms. Quidachay send a written request to her by email asking for a deadline and she would do her best to compile the data.
Telephone conversation from Karen Quidachay (Landmark Environmental) to Charis Parker (United States Forest Service-ENF)	2/9/15	Quidachay inquired about recreational use data collected at overnight recreation facilities in the Lake Aloha Area. Parker sent overnight permit data collected inside the Wilderness Area. Quidachay also inquired as to updates on wilderness management, special interest areas, and wild and scenic river status.
Email correspondence with Don Lane of LTBMU and Charis Parker (Pacific Ranger District). Received overnight use permit data for Lake Aloha and day use data for Echo Lake trail.	2/10/15	Received 2014 overnight data for Lake Aloha and day use data for Echo Lake Trail.
Telephone correspondence with Gina Thompson of LTBMU	2/12/15	Discussed recreation use at Echo Lake Upper Parking Facility.
Email conversation from Karen Quidachay (Landmark Environmental) to Ms. Micki Smith (United States Forest Service-ENF)	2/12/15	Quidachay inquired about recreational use data collected at overnight recreation facilities in the Project area
Email conversation from Becky Schufelt, Assistant Recreation Officer, Amador Ranger District.	2/19/15	Schufelt indicated she was in the process of obtaining overnight use data for Silver Lake East and Caples Lake Campgrounds.

<b>Appendix A. Summary of Consultation for the El Dorado Hydroelectric Project (FERC Project No. 184)</b>		
<b>CONTACT</b>	<b>DATE</b>	<b>TOPIC OF CONSULTATION</b>
Email from Micki Smith (United States Forest Service-ENF) to Ms. Karen Quidachay (Landmark Environmental)	2/26/15	Smith provided recreational use data collected at overnight recreation facilities in the Project area from Amador RD.
Email from Brian Deason (EID)	3/5/15	Deason provided the draft report to ENF staff for review
Email from Charis Parker (United States Forest Service-ENF) to Ms. Karen Quidachay (Landmark Environmental)	3/10/15	Parker provided comments and information that was incorporated into the final report.
Letter from ENF to EID	4/6/15	ENF provided preliminary comments on Report on Recreation Resources
Letter from ENF to EID	5/19/15	ENF provided detailed comments on Report on Recreation Resources
Letter from EID to ENF	9/2/15	EID provided responses to ENF comments and a revised Report on Recreation Resources
EID and ENF coordination meeting	9/10/15	EID and ENF met to review the status of and outline a path for implementing the recreation-related license conditions
Email from Brian Deason to ENF	11/10/15	EID provided a revised Report on Recreation Resources and requested written confirmation of FS approval
Letter from EID to FERC and courtesy copy to ENF	11/17/15	EID provided a revised Report on Recreation Resources and an update on the recreation-related license conditions

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<b>Appendix A. Summary of Consultation for the El Dorado Hydroelectric Project (FERC Project No. 184)</b>		
<b>CONTACT</b>	<b>DATE</b>	<b>TOPIC OF CONSULTATION</b>
ENF email to Brian Deason	12/21/15	ENF provided comments on the Report on Recreation Resources
EID and ENF coordination meeting	1/20/16	EID and ENF met to discuss implementation of recreation-related license conditions

**APPENDIX B**

**EXAMPLE QUESTIONNAIRE FOR 2014 SUMMER RECREATION  
VISITORS IN THE PROJECT AREA**



# In-Person Visitor Survey

Date: 7/17/14

Interviewer: Jan

Vehicle Count: 1

Location: Silver Lake Launch

Start time: 3:45

Weather Conditions: 70° Clouded  
overcast

3. Is this your first trip to (location)?

YES → (Continue interview)

NO → (If NO)

3.1 Not counting this trip, about how many visits have you made during the past 12 months, that is since [Date Last Year]? 10

3.2 How many visits did you make to (location) this past summer, that is between Memorial Day and Labor Day? 1

(If the persons resists completing the survey) "Is there a time when I can come back later this morning/afternoon to talk with you?" (If NO, discontinue and say) "Thank you for your time".

4. In which of these activities did you (or do you plan to) participate at (location) during your visit today?

Hiking

Swimming

Horseback riding

Kayaking/canoeing

Sailing

Wildlife observation

Bicycling

Driving vehicles/  
motorcycles

Motor boating

Other nature study

Sunbathing

off-highway

Water skiing

Landscape  
Photography

Picnicking

Just relaxing

Other boating

Fishing

Running/jogging

Tubing

Camping (primitive)

Camping (developed) passes

Winter play

7. For which of the following reasons did you choose (location) as a place to visit on this trip?

Convenient location

Scenic beauty

Personal reason, just like the  
area, relax, fun

Good facilities

To see object or attraction

Be near water

Group trip

Wanted to try new area

Other (specify: family Corridor 88)

Fishing

Swimming

Repeat visit

Other areas too crowded

likes you & Ben  
@ Passes