

# **SOUTHERN CALIFORNIA EDISON**

## **Bishop Creek Hydroelectric Project**

### **(FERC Project No. 1394)**



## **FINAL LICENSE APPLICATION**

### **FINAL TECHNICAL REPORTS**

#### **VOLUME III**



JUNE 2022

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#### **VOLUME III (4 OF 4)**



JUNE 2022

**FINAL TECHNICAL REPORTS IN THIS FILE**

Recreation Use and Needs Study (REC 1)

Recreation Facilities Condition and Public Accessibility Study (REC 2)

Bishop Creek Project Boundary Lands and Roads Memorandum (LANDS 1)

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## **FINAL TECHNICAL REPORT**

### **RECREATION USE AND NEEDS (REC 1)**



June 2022

# **SOUTHERN CALIFORNIA EDISON**

## **Bishop Creek Hydroelectric Project (FERC Project No. 1394)**

### **FINAL TECHNICAL REPORT**

#### **RECREATION USE AND NEEDS (REC 1)**

Southern California Edison  
1515 Walnut Grove Ave  
Rosemead, CA 91770

June 2022

*Support from:*

***Kleinschmidt***

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Appendix A: Survey Questions

Appendix B: Survey Responses

## **ACRONYMS**

Bishop Creek Project	Bishop Creek Hydroelectric Project
CDFW	California Department of Fish and Wildlife
CDPR	California Department of Parks and Recreation
Coronavirus Disease	COVID-19
FERC	Federal Energy Regulatory Commission
INF	Inyo National Forest
ISR	Initial Study Report
N/A	not applicable
NVUM	National Visitor Use Monitoring
QR codes	quick response codes
REC 1	Recreation Use and Needs Study
REC 2	Recreation Facilities Condition Assessment
RUN	Recreation Use and Needs
SCE	Southern California Edison
SCORP	Statewide Comprehensive Outdoor Recreation Plan
TSP	Technical Study Plan
TWG	Technical Working Group
URL	uniform resource locators
USR	Updated Study Report
USFS	U.S. Forest Service

## 1.0 INTRODUCTION

During Technical Working Group (TWG) meetings, Southern California Edison (SCE) and stakeholders identified the need to conduct a Recreation Use and Needs (RUN) Study (REC 1) to evaluate current recreational use and future recreational needs for the Bishop Creek Hydroelectric Project (Bishop Creek Project). Accordingly, on May 1, 2019, SCE filed proposed Technical Study Plans (TSPs) for the Bishop Creek Project. On July 18, 2019, the U.S. Forest Service (USFS) filed a letter commenting, in part, on the REC 1 study plan.

On August 29, 2019, SCE filed updated TSPs to address comments received from stakeholders and FERC staff during the scoping process. As part of the response to the USFS July 18, 2019 comments, SCE committed to continue to collaborate with USFS prior to the 2020 field season to determine an appropriate frequency of summer and winter general recreation surveys that would provide a statistically supported assessment of average use and adequate qualitative feedback regarding user perceptions and experience at each site. Based on these conversations in late 2019, study methods were updated during conference calls and captured in various memorandums to the USFS.

In January 2020, due to unanticipated construction activity along South Lake Road, SCE and the USFS concluded that any surveys conducted under the REC 1 study plan during the 2020 recreation season would not provide a representative sample of use and should thus be postponed. Ensuing complications from the Coronavirus Disease (COVID-19) pandemic and historic wildfires in the area further confirmed this decision. As a result, in-person surveys and spot, traffic, and trail counts were rescheduled for the 2021 recreation season with the expectation that conditions would improve. During these same discussions, the USFS further articulated their preference to develop off-site surveys that, while more general in nature than the on-site surveys, would target questions directly related to use, avoidance of use, or for use in the Bishop Creek area. Although SCE maintained that off-site surveys to accomplish goals that had no direct nexus to the Bishop Creek Project, SCE agreed to take a lead role in the implementation, collection, and analysis of off-site surveys. Through a series of conference calls from January through July 2020, SCE and the USFS finalized an off-site, web-based Bishop Creek Reservoirs Recreation Use Survey that was placed on both SCE's relicensing website and the Inyo National Forest (INF) website.

In preparation for the 2021 recreation season, SCE and the USFS held a conference call on January 19, 2021, to discuss the status of REC 1 activities. With REC 1 field work scheduled to begin April 2021 and significant unknowns associated with the COVID-19 pandemic, various options to delay scheduling or alter methods were discussed. Based on a subsequent call with the USFS on February 9, 2021, conversations with FERC staff, and internal discussions, SCE proposed to move forward with data collection during the 2021 recreation season, intending to meet the same goals and objectives outlined in the REC 1 study plan. This was accomplished largely by modifying methods of collecting qualitative data for recreation use and needs at the Bishop Creek Project that were originally to be administered on-site. A summary of the proposed changes was provided to the TWG in a March 12, 2021 memorandum and discussed during the March 15, 2021

TWG meeting. During the March 15, 2021 TWG meeting and ensuing emails with the TWG, changes to methods were agreed upon and implemented shortly after, as described in the May 28, 2021 Progress Report filed with FERC. The following sections describe the ultimate study goals and objectives, study areas, and methods employed and an analysis and discussion of relevant results for the REC 1 study.

## 2.0 STUDY GOALS AND OBJECTIVES

The REC 1 study included the following goals and objectives:

- Characterize existing RUN
  - Conduct a basic inventory of facilities and amenities at each study site
  - Compile existing use data for historic and current use patterns
  - Identify current patterns of use (type, volume and daily)
  - Identify current patterns of public access to recreation opportunities
  - Survey to determine current user needs and preferences
- Characterize existing RUN of anglers in the study area
  - Compile existing use data for historic and current use patterns
  - Target anglers to determine current angler timing, demographics, effort, harvest, composition, and success
  - Estimate catch-per-unit effort by species
- Evaluate adequacy of existing recreation opportunities to meet current needs
  - Determine the carrying capacity of existing recreation opportunities
  - Assess the suitability of facilities to provide universal access to recreation opportunities, where feasible
  - Assess the adequacy of existing public safety measures near the Bishop Creek Project features
- Estimate future Bishop Creek Project-related recreational demand and needs
  - Estimate future use, demand and capacity
  - Assess the need for expansion or alteration of existing recreation facilities
- Ensure that future Bishop Creek Project facilities and operations are consistent with the desired conditions, goals, standards, and guidelines described in the Land Management Plan for INF (USDA 2019)

### **3.0 REVIEW OF EXISTING INFORMATION**

The REC 1 study reviewed and incorporated existing information related to RUNs identified at the Bishop Creek Project. The following is a list of studies and reports analyzed as part of this study:

- 2015 Licensed Hydropower Development Recreation Report, FERC Form No. 80 (SCE 2015a)
- 2014 Southern California Edison (SCE) Recreation Use Study Report for Eastern Hydro Division (SCE 2015a)
- 2021 California Statewide Comprehensive Outdoor Recreation Plan (SCORP) (CDPR 2021)
- National Visitor Use Monitoring (NVUM) Reports for INF (USFS 2006; 2011; 2018d)
- INF Alternative Transportation System Study (USDA 2013)
- California Department of Fish and Wildlife (CDFW) Stocking and Historic Creel Survey Data

The study also analyzed relevant management plans for the area, including Inyo County General Plan (IC 2001), Land Management Plan for the INF (USDA 2019), and the Bureau of Land Management's Bishop Resource Management Plan Record of Decision (BLM 1993).

## 4.0 STUDY AREAS

Based on discussions with the INF in late 2019 and SCE's December 19 Progress Report to FERC, study areas associated with REC 1 activities were revised, most notably to focus most activities (user surveys, traffic counters, spot counts, and angler surveys) on the three main recreation areas adjacent to the Bishop Creek Project: Lake Sabrina, South Lake, and Intake No. 2 recreation areas. In addition to the three main recreation areas, angler surveys and related spot counts were also conducted at Forks, Big Trees, and Four Jeffrey Campgrounds at the request of the CDFW. Trail counters were stationed along Inlet Trail, Green Creek diversion pipeline, and the informal access to the Little Egypt climbing area.

As discussed in Section 1.0, on-site surveys were replaced with an expanded effort to obtain responses through a web-based survey to reduce person-to-person contact during the 2021 recreation season due to ongoing concerns with the COVID-19 pandemic. Quick Response (QR) codes and Uniform Resource Locators (URLs) of the web-based survey were posted and distributed as fliers on car windshields at the three main recreation areas and at INF kiosks, bathrooms, and marinas near the reservoirs. Figure 4.1-1 depicts the location of the REC 1 study areas.

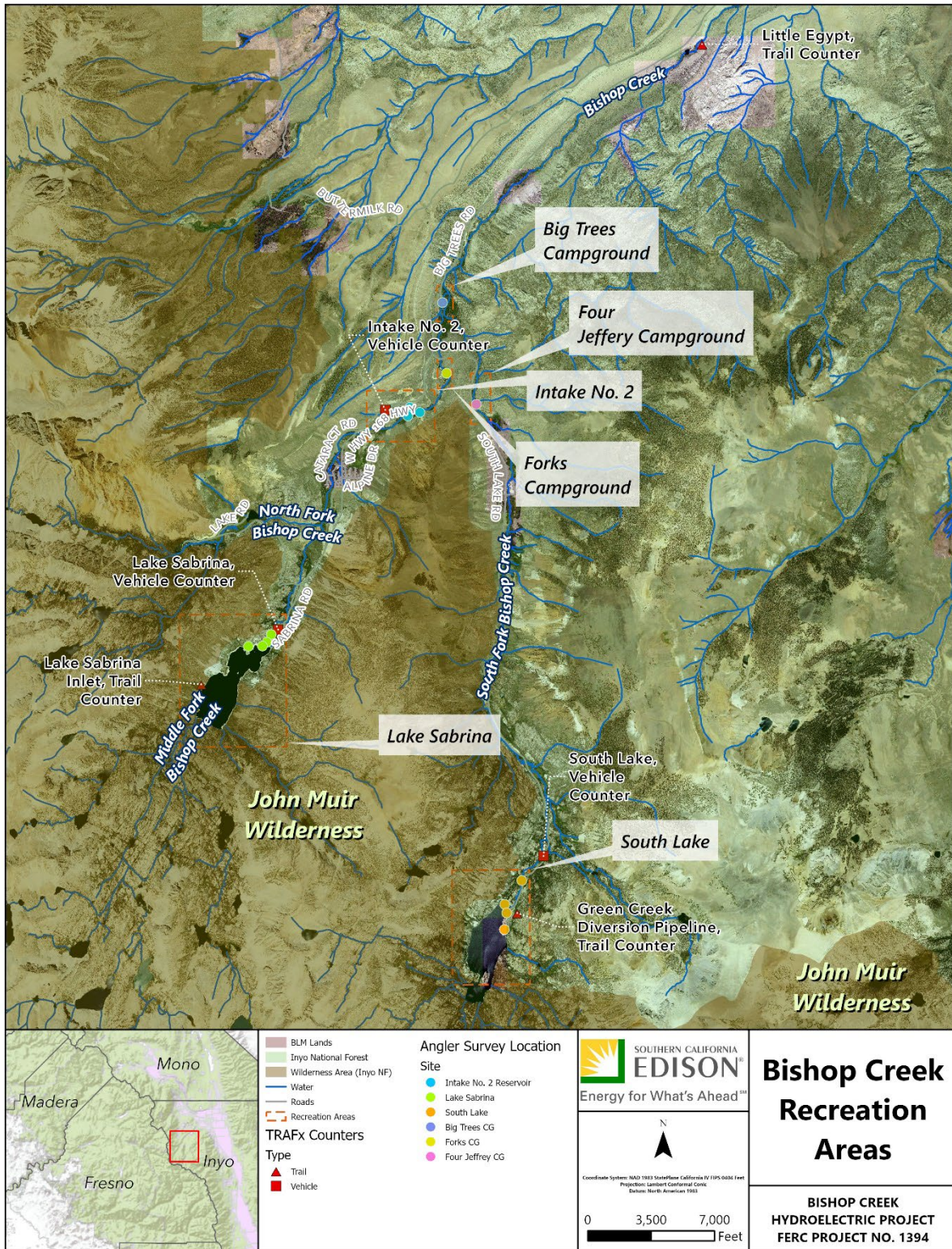


Figure 5.1-1 REC 1 Study Locations



## **5.0 METHODS**

To accomplish the goals and objectives of the REC 1 study, SCE implemented a variety of data collection techniques to compile both historic and current recreation use and needs patterns for the Bishop Creek Project. Historic use patterns were determined by analyzing the studies, reports, and management plans described in Section 3.0. Current use and needs information were collected through a general recreation site inventory, web-based recreation surveys, traffic/trail counter data, spot counts, and angler surveys. This section provides a general description of each collection technique implemented.

### **5.1 GENERAL RECREATION SITE INVENTORY**

A basic inventory of recreation facilities was conducted for the three main recreation areas (South Lake, Lake Sabrina, and Intake No. 2), that included the type, number, size, and/or estimated capacities of facilities such as restrooms, parking areas, boat ramps, piers, and picnic tables.

### **5.2 WEB-BASED RECREATION SURVEYS**

As discussed in Section 1.0, recreation surveys were originally scheduled to be conducted on-site during the 2020 field season, but due to ongoing complications posed by the COVID-19 pandemic, SCE consulted with the USFS in early 2021 and agreed to move forward with REC 1 activities in the 2021 recreation season, although with slightly altered methods and an understanding that implementation may require flexibility and adaptability. To reduce person-to-person contact during the 2021 recreation season, on-site surveys were replaced with an expanded effort to obtain responses through the previously designed web-based survey. The web-based survey was altered to parse survey responses based on the source of the survey taker (onsite, website, email blast, etc.). QR codes and URLs of the web-based survey were posted and distributed as fliers on car windshields at the three main recreation areas and select campgrounds near the reservoirs.

### **5.3 TRAFFIC COUNTERS**

As depicted on Figure 4.1-1, TRAFx traffic counters were installed at strategic access points that would record all vehicles (e.g., total vehicles, average vehicles per month/day/hour) entering and leaving South Lake, Lake Sabrina, and Intake No. 2 recreation areas. Traffic counters were installed and began collecting data on April 25<sup>1</sup>, 2021; interim traffic data was downloaded from the field on May 5, June 29, September

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<sup>1</sup> Counters were intended to begin collecting data on April 24, 2021. However, each counter recorded erroneous data the morning of April 24, including at South Lake, which was closed to the public for road construction at the time. For this reason, April 24 data was excluded from the analysis and begins with April 25 data.

29, and November 11, 2021<sup>2</sup>. Each traffic counter was installed at an access point that would collect all vehicles both entering and leaving the site for the day. The estimate of total and average number of users was based on the USFS' estimate of an average of 2.5 people per vehicle provided in their 2016 National Visitor Use Monitoring Results for the INF.

#### **5.4 TRAIL COUNTERS**

As depicted on Figure 4.1-1, TRAFx trail counters were installed to record informal use (e.g., total users, average users per month/day/hour) at the following locations:

- Inlet Trail: an informal trail extending from the Sabrina Boat Landing along the western shore of Lake Sabrina to the Bishop Creek inlet.
- Green Creek diversion pipeline: a corridor created by the presence of the Green Creek diversion pipeline where users are informally using the pipeline right-of-way as a trail.
- Little Egypt climbing area: informal use of available parking at SCE's Plant 3 to access the Little Egypt climbing area.

Trail counters were installed and began collecting data on April 25, 2021; interim traffic data was downloaded from the field on May 5, June 29, September 29, and November 11, 2021<sup>3</sup>. Since each "trail" is essentially an out-and-back, meaning the user has to turn around to return to the trailhead, each trail counter was installed at an appropriate access point that would collect all hikers both entering and leaving the site for the day. Therefore, to arrive at a total number of hikers present during a specific period, the data was divided by two to account for both the arrival and exit of each hiker. For Green Creek diversion pipeline, however, while it is expected that most users return the way they came, users may also choose to alter course once the pipeline intersects USFS system trails. Therefore, they may not choose to return the same way they came, and it is assumed that these counts may be slightly underestimated.

#### **5.5 SPOT COUNTS**

Spot counts were conducted at each recreation area (South Lake, Lake Sabrina, and Intake No. 2) and campgrounds used for angler surveys (Forks, Big Trees, and Four Jeffrey campgrounds). Spot counts at the main recreation areas were further subdivided to differentiate between distinct amenities or uses; these subdivisions are discussed in more detail in Section 6.5. During angler surveys, spot counts were collected for anglers

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<sup>2</sup> Though originally scheduled to be collected through the end of November 2021, a final data download occurred on November 11, 2021 in response to gate closures and inclement weather conditions at the study sites.

<sup>3</sup> Though originally scheduled to be collected through the end of November 2021, a final data download occurred on November 11, 2021 in response to gate closures and inclement weather conditions at the study sites.

adjacent to the creek that runs alongside that campground. For each user spot count, an attempt was made to distinguish between general recreators (day users), anglers, and any on-water activities. For each vehicle spot count, a distinction was made between trailered and non-trailered vehicles. Ancillary information related to date, time of day, weather conditions, and other general observations at the time of the count was recorded. Spot counts were collected from April 25 through November 11, 2021.<sup>4</sup>

## **5.6 ANGLER SURVEYS**

Angler surveys were conducted using a field data sheet at each main recreation area (South Lake, Lake Sabrina, and Intake No. 2) and campground identified by CDFW for inclusion in the study (Forks, Big Trees, and Four Jeffrey campgrounds). Surveys were designed to collect angler characteristics (e.g., origin and group size); determine current angler timing, effort, harvest, composition, success; and estimate catch-per-unit effort by species. Angler surveys were conducted Memorial Day weekend through Labor Day weekend in 2021.

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<sup>4</sup> Though originally scheduled to be collected through the end of November 2021, a final data download occurred on November 11, 2021 in response to gate closures and inclement weather conditions at the study sites.

## 6.0 IMPLEMENTATION AND RESULTS

REC 1 field activities were initiated in late April 2021 prior to “Fishmas” weekend (the beginning of bona fide catch-and-keep trout fishing season, beginning the last Saturday in April [approximately April 24-25, 2021] through November 15 annually). Traffic and trail counters were installed and laminated fliers with URLs and QR codes for the web-based survey were posted at recreation sites and at INF kiosks, bathrooms, and marinas near the reservoirs. On April 25, traffic and trail counters began, the first spot counts were conducted, and non-laminated fliers were placed on vehicles at each recreation area where spot counts were taken.<sup>5</sup> Beginning on Memorial Day weekend, angler surveys were initiated at the three recreation areas (Lake Sabrina, South Lake, and Intake No. 2) as well as three campgrounds requested for inclusion by CDFW (Forks, Four Jeffery, and Big Trees).

On August 31, 2021, the USFS temporarily closed all California National Forests – including the INF where the Bishop Creek Project is partially located – due to public safety concerns over extreme fire conditions and strained firefighting resources. The closure was scheduled to be effective from August 31, 2021, at 11:59 p.m. until September 17, 2021 at 11:59 p.m. Due to this closure, no angler surveys or spot counts were conducted at their designated locations within the INF as scheduled during Labor Day weekend. Vehicle and trail counters, along with the web-based survey remained online during the closure, though postings for the online survey were located within the closed area. The INF re-opened at 11:59 p.m. on September 15, 2021, two days prior to the original end date. A single day (during Labor Day weekend) was missed on the spot count and angler survey schedule.

Traffic and vehicle counters were previously scheduled to collect data and spot counts to be conducted through November 2021. Due to anticipation of heavy snowfall and a notification of gate closures to both Lake Sabrina and South Lake from the USFS at the end of the collection window, staff conducted one final day of spot counts and retrieved all traffic and trail counter equipment on November 11, 2021. This resulted in the loss of one day of spot counts (November 20, 2021) and any traffic or trail counts through the remainder of November, which would likely be minimal at locations where access would have been restricted for the season.

Drought conditions in the watershed led to extremely low lake levels at Lake Sabrina and South Lake throughout the 2021 recreation season. These low levels affected not only the number of visitors for general day use but most notably access for boaters and anglers. Specifically, the boat launch at South Lake was unusable for most, if not all, of the 2021 recreation season. This resulted in a shift of some boating use to other reservoirs, including Lake Sabrina, but largely precluded use at both Lake Sabrina and

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<sup>5</sup> The potential for complaints related to placement of fliers on vehicles was previously discussed with USFS staff. Per this understanding and due to complaints from concessionaires, staff ceased placing fliers on vehicles in August 2021, though laminated postings remained visible throughout the recreation areas.

South Lake. Table 6.1-1 provides a list of notable events that occurred during the 2021 recreation season that may affect the data collected. Table 6.1-2 provides the randomly generated schedule according to the parameters agreed upon in the study methods, along with a status update for each scheduled day.

**Table 6.1-1 Notable Events During 2021 Field Season**

Date	Field Notes
April 24 – May 4, 2021	South Lake Road closed due to road damage and repairs. Re-opened on May 4.
May 5, 2021	TRAFx trail and traffic counter data collection.
May 16 – 22, 2021	CDFW Hatchery Trout planting week of May 16 (Lake Sabrina and South Lake). Date of planting uncertain.
May 29 – 31, 2021	Memorial Day Weekend.
June 20 – 26, 2021	CDFW Hatchery Trout planting week of June 20 (Lake Sabrina, South Lake, and Intake No. 2). Date of planting uncertain.
June 29, 2021	TRAFx trail and traffic counter data collection.
July 2 – 4, 2021	Independence Day Weekend.
July 11 – 17, 2021	CDFW Hatchery Trout planting week of July 11 (South Lake and Intake No. 2). Date of planting uncertain.
August 31 – September 15, 2021	INF temporary closure (Originally planned to be closed through September 17, 2021).
September 4 – 6, 2021	Labor Day Weekend (INF temporarily closed).
September 29, 2021	TRAFx trail and traffic counter data collection.
September 26 – October 2, 2021	CDFW Hatchery Trout planting week of September 26 (Lake Sabrina). Date of planting uncertain.
October 23 – 28, 2021	Gate at Aspendell, and thus access to Lake Sabrina, closed by CalTrans due to a storm in the area.
October 25 – November 10, 2021	Gate to South Lake closed due to inclement weather.
November 11, 2021	Veteran's Day. Date of final TRAFx trail and traffic counter data. Equipment collection due to expected inclement weather and gate closures.
Entire 2021 recreation season	Drought conditions in the watershed led to extremely low lake levels at Lake Sabrina and South Lake. These low levels affected not only the number of visitors for general day use but most notably access for boaters and anglers. Specifically, the boat launch at South Lake was unusable for most, if not all of the 2021 recreation season. This resulted in boating use migrating to other reservoirs, including Lake Sabrina, but largely precluded the use both lakes.

**Table 6.1-2 Randomly Generated Field Schedule and Implementation Result**

<b>Date</b>	<b>Type</b>	<b>Scheduled Tasks</b>	<b>Result</b>
Sunday, April 25, 2021	PEAK (Fish2)	Spot counts, vehicle fliers, installation of TRAFx counters	Complete (No spot counts at South Lake due to road closure)
Wednesday, April 28, 2021	Weekday	Spot counts, vehicle fliers	Complete
Tuesday, May 4, 2021	Weekday	Spot counts, vehicle fliers	Complete
Monday, May 24, 2021	Weekday	Spot counts, vehicle fliers	Complete
Saturday, May 29, 2021	PEAK (Mem1)	Angler surveys, spot counts, vehicle fliers	Complete
Saturday, June 5, 2021	Weekend	Angler surveys, spot counts, vehicle fliers	Complete
Monday, June 7, 2021	Weekday	Angler surveys, spot counts, vehicle fliers	Complete
Sunday, June 13, 2021	Weekend	Angler surveys, spot counts, vehicle fliers	Complete
Sunday, June 20, 2021	Weekend	Angler surveys, spot counts, vehicle fliers	Cancelled (Sick Staff)
Saturday, June 26, 2021	Weekend	Angler surveys, spot counts, vehicle fliers	Complete
Saturday, July 3, 2021	PEAK (Ind1)	Angler surveys, spot counts, vehicle fliers	Complete
Thursday, July 8, 2021	Weekday	Angler surveys, spot counts, vehicle fliers	Complete
Sunday, July 11, 2021	Weekend	Angler surveys, spot counts, vehicle fliers	Complete
Sunday, August 1, 2021	Weekend	Angler surveys, spot counts, vehicle fliers	Complete
Wednesday, August 4, 2021	Weekday	Angler surveys, spot counts, vehicle fliers	Complete
Friday, August 6, 2021	Weekday	Angler surveys, spot counts, vehicle fliers	Complete
Tuesday, August 10, 2021	Weekday	Angler surveys, spot counts, vehicle fliers	Complete
Thursday, August 12, 2021	Weekday	Angler surveys, spot counts, vehicle fliers	Complete
Saturday, August 14, 2021	Weekend	Angler surveys, spot counts, vehicle fliers	Complete

<b>Date</b>	<b>Type</b>	<b>Scheduled Tasks</b>	<b>Result</b>
Sunday, August 15, 2021	Weekend	Angler surveys, spot counts, vehicle fliers	Complete
Tuesday, August 24, 2021	Weekday	Angler surveys, spot counts, vehicle fliers	Complete (vehicle fliers not placed)
Wednesday, August 25, 2021	Weekday	Angler surveys, spot counts, vehicle fliers	Complete (vehicle fliers not placed)
Thursday, August 26, 2021	Weekday	Angler surveys, spot counts, vehicle fliers	Complete (vehicle fliers not placed)
Sunday, August 29, 2021	Weekend	Angler surveys, spot counts, vehicle fliers	Complete (vehicle fliers not placed)
Sunday, September 5, 2021	PEAK (Lab2)	Angler surveys, spot counts, vehicle fliers	Cancelled (USFS Closure)
Saturday, October 2, 2021	Weekend	Spot counts, vehicle fliers	Complete (vehicle fliers not placed)
Saturday, October 23, 2021	Weekend	Spot counts, vehicle fliers	Complete (vehicle fliers not placed; spot counts not conducted at Lake Sabrina due to gate closure)
Thursday, November 11, 2021	Weekday (Veteran's Day)	Spot counts, vehicle fliers	Complete (vehicle fliers not placed)
Saturday, November 20, 2021	Weekend	Spot counts, vehicle fliers, removal of TRAFx equipment	Cancelled – Gate Closures; Final data collected November 11

## 6.1 GENERAL RECREATION SITE INVENTORY

An inventory of recreation site amenities, condition, accessibility, and dispersed use was conducted under the Recreation Facilities Condition Assessment (REC 2), and a more detailed inventory may be found in that report. Table 6.1-3, Table 6.1-4, and Table 6.1-5 provide a summary of inventory data, most notably as it relates to general recreation features and associated capacities for use.

**Table 6.1-3 General Inventory of Recreation Features**

Recreation Area	Parking Spaces (Approximate)	Boat Launches	Launching Piers/ Gangways	Fishing Piers	Restrooms	BBQ Grills	Dumpsters	Recycling Receptacles	Trash Receptacles	Picnic Tables	Food Lockers	Fish Cleaning Stations	Trailheads	Marina/ Store
South Lake	111	1	1	0	2	0	1	1	1	5	6	0	2	1
Lake Sabrina	87 <sup>a</sup>	1	4	0	1	0	2	1	3	0	0	1	1	1
Intake No. 2	68	0	0	1	2	2	1	1	1	2	0	0	0	0

<sup>a</sup> Total does not include the estimated 70 parking spaces for overnight wilderness users located approximately 1-mile down CA Highway 168 at the entrance of North Lake Road.

**Table 6.1-4 Approximate Parking Spaces By Location and Type**

Recreation Area	Sub-site	Parking with Striping <sup>a</sup>	Parking without Striping <sup>b</sup> (Estimated)
Lake Sabrina	Lot A (Upper Lot)	36	n/a
	Lot B (Lower Lot)	24	n/a
	Roadside Parking	n/a	30
	North Lake Road Overnight Parking <sup>c</sup>	n/a	70
South Lake	Lot A (Overnight Wilderness Users at Trailheads)	50	n/a
	Lot B (Day Use at Trailheads)	36	n/a
	Lot C (Launching Pier)	8	n/a
	Lot D (Boat Ramp; Trailer Parking)	15	n/a
	Staff Parking at Marina	n/a	2
Intake No. 2 Reservoir	Lot A (Fishing Access)	n/a	20
	Lot B (Lower Intake 2 Campground)	n/a	12

<sup>a</sup> Asphalt material

<sup>b</sup> Earthen, gravel, or crushed rock material

<sup>c</sup> Overnight wilderness users are instructed to park at the lot located approximately one-mile down CA Highway 168 at the entrance of North Lake Road.



**Table 6.1-5 Informal Use Observations (REC 2 Report)**

Recreation Area	Area	Name	Potential Campsite	Fire Pit	User Created Trails	Visible Bank Access Point	Shoreline Generally Used for Boat/Bank Fishing (ft)
Lake Sabrina	A	Weir below Sabrina Dam	n/a	n/a	777 ft	20	n/a
	B	Northwest Shoreline & Sabrina Dam	n/a	n/a	182 ft	n/a	4,140
	C	Inlet Trail	n/a	n/a	6,488 ft	n/a	n/a
	D	Mid Lake Sabrina Peninsula	16	2	2,004 ft	n/a	n/a
	E	Middle Fork Bishop Creek Inlet	31	4	1,086 ft	n/a	2,941
South Lake	A	Hillside Dam and Spillway	n/a	n/a	n/a	n/a	1,101
	B	Green Creek Diversion	n/a	??	5,667 ft	n/a	n/a
	C	Main Recreation Area	14	1	4,373 ft	n/a	480
	D	Southern Shorelines of South Lake	8	2	n/a	n/a	n/a
	E	Southern Shorelines of South Lake	13	4	n/a	n/a	n/a
	F	Southern Shorelines of South Lake	8	1	n/a	n/a	n/a
	G	Island	36	11	n/a	n/a	n/a
	H	Southern Shorelines of South Lake	3	1	n/a	n/a	3,832
Intake No. 2	A	Northern Shoreline & Intake No. 2 Dam	n/a	n/a	n/a	22	1,344
	B	Day Use Area	n/a	n/a	1,201	7	446
	C	Middle Fork Bishop Creek	5	1	3,222	25	1,244
	D	Southeastern Shoreline	n/a	n/a	1,062	7	690



## 6.2 WEB-BASED RECREATION SURVEYS

The Bishop Creek Reservoirs Recreational Use Survey was first implemented as a web-based survey in December 2020 to gather general information from recreation users in the area. As discussed above, in early 2021, the decision was made to rely more heavily on this web-based survey, with a few minor adjustments, rather than implement an in-person survey due to risk associated with the COVID-19 pandemic. Between December 16, 2020, and April 21, 2021, 59 surveys were completed, largely through postings on the USFS and SCE websites, as well as a USFS post on Facebook.

Laminated fliers were posted at kiosks in all recreation areas (South Lake, Lake Sabrina, and Intake No. 2) associated with this study, as well nearby campgrounds in the Bishop Creek Project area beginning on Fishmas weekend (April 24-25, 2021). These fliers briefly described the survey and requested that recreation users access the survey via URL or QR code as shown in Figure 6.2-1. As cellular service is very limited at these locations, and to increase participation, flier handouts were initially placed on car windshields. In late August 2021, due to concerns from concessionaires, staff ceased the placing of fliers on car windshields. The survey remained open through November 2021.

From April 24, 2021 through November 30, 2021, a total of 302 survey responses were received. Of those survey responses (Figure 6.2-2) 39 percent indicated that they heard about the survey from a flier or posting in the INF; 22 percent from social media; 17 percent from the USFS website; 1 percent from the SCE website; and 20 percent other (mostly word of mouth or incorrectly did not indicate “flier on windshield”). In total, 361 surveys were completed between December 2020 and November 2021. The survey was designed to solicit information on seven distinct categories (visitor demographics/trip characteristics, day use, fishing, boating, campgrounds, hiking/wilderness access, and general feedback). Appendix A provides a printout of all possible questions within the survey, keeping in mind that logic was built into survey so that answers to certain questions dictate whether additional questions related to that topic were asked. Section 6.2 summarizes responses collected for each of those categories.

## BISHOP CREEK RESERVOIRS RECREATION SURVEY




The Inyo National Forest Service and Southern California Edison are gathering information about recreation opportunities related to the Bishop Creek Hydroelectric Project – specifically at Lake Sabrina, South Lake, and Intake No. 2 Reservoir – and are interested in your feedback. The information you provide will help guide current and future management of recreation opportunities, sites, and facilities for visitors to the Bishop Creek Reservoirs.

Please take a moment to access the online survey and provide your thoughts by visiting the following website (either by url or QR code) once you are in cell service or have access to a computer. Thank you for your time and input!

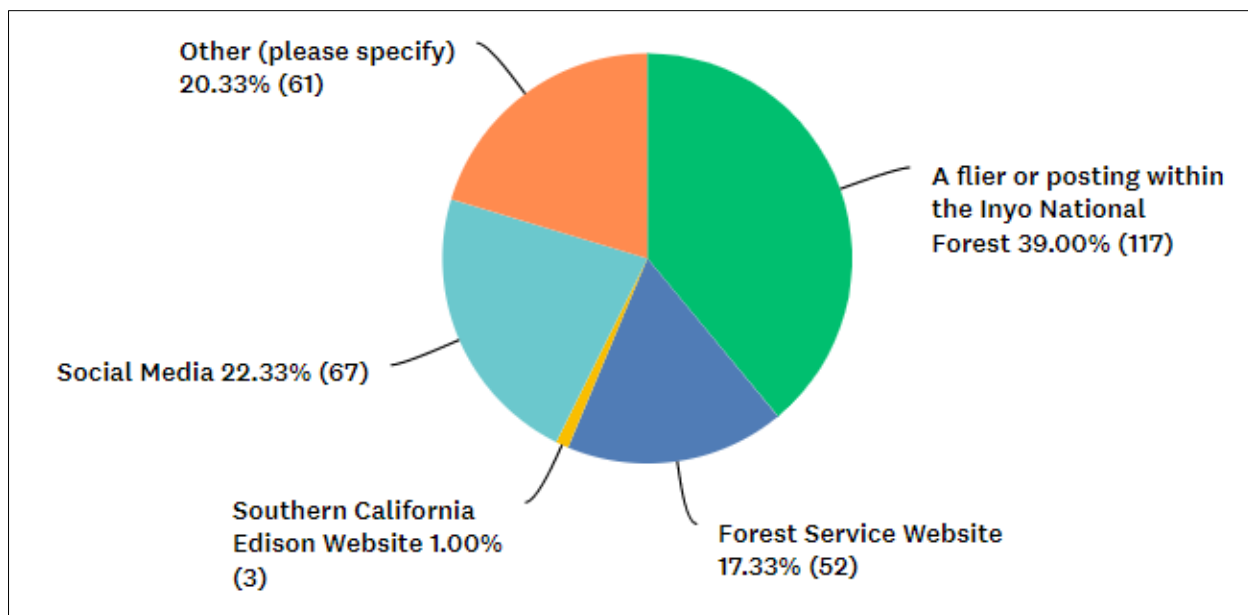
**<https://www.surveymonkey.com/r/BishopCreekReservoirs>**

Directions for access via QR code:

1. Open the camera app or QR Code reader on your phone.
2. Focus the camera on the QR code by gently tapping the code.
3. Follow the instructions on the screen to complete the action.



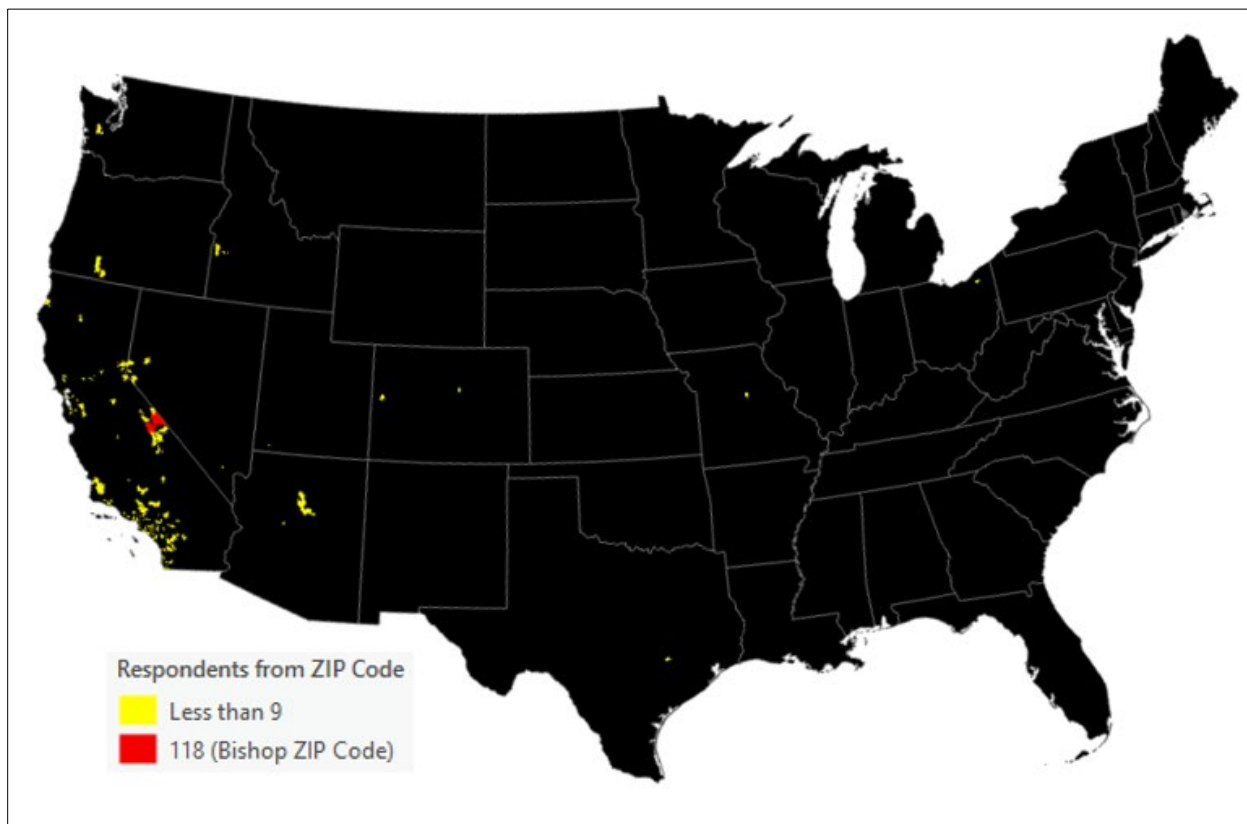
**Figure 6.2-1 Example Flier Posted at Recreation Sites**



**Figure 6.2-2 Respondent Source**

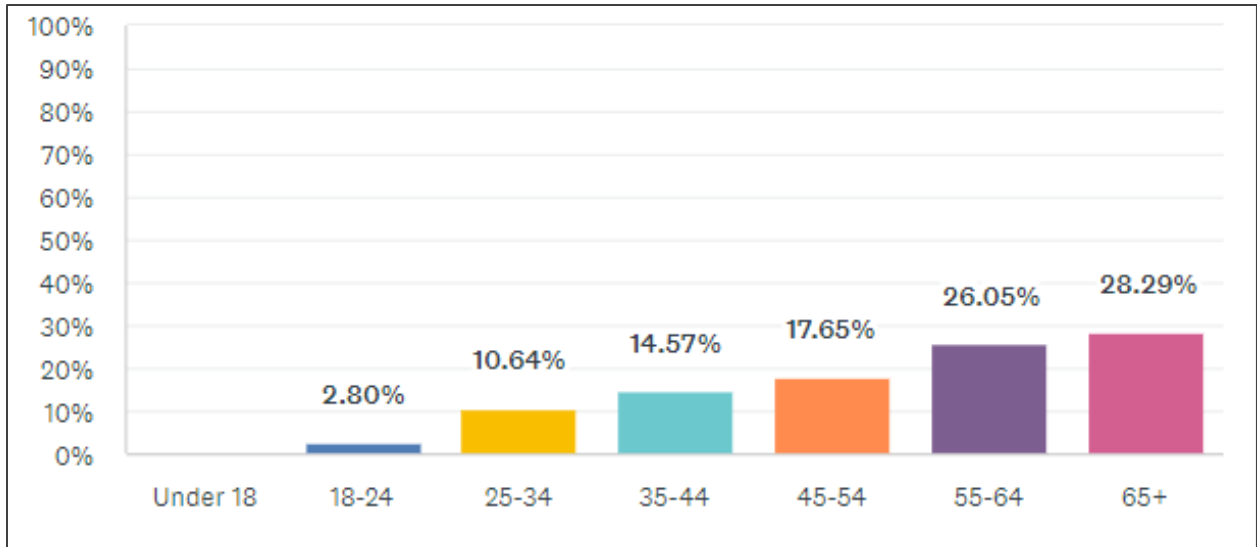
### 6.2.1 VISITOR DEMOGRAPHICS AND TRIP CHARACTERISTICS

As shown in the visitor demographics and trip characteristics of the respondents below (Figure 6.2-3), due to the unorthodox methods that were implemented this study season, response data is likely not representative of a typical visitor base and activities that would have been obtained through intercept surveys and during a more normal recreation season (COVID-19, wildfires, gate closures). However, the data obtained, especially the qualitative feedback provided, is valuable for indicating trends and highlights areas for discussion. Visitor demographics show that the majority of respondents are from California (94.1 percent), Nevada 2.6 percent, and less than 1 percent from each of Arizona, Colorado, Idaho, Missouri, New Hampshire, Oregon, Texas, Utah, and Washington. More specifically, most respondents are from Southern California (42.4 percent from Bakersfield to San Diego) or the immediate Bishop area (40.0 percent in Bishop/Mammoth Lakes/Lone Pine), with a smaller percentage from the San Francisco/Sacramento (9.4 percent) or Reno (3.5 percent) areas.

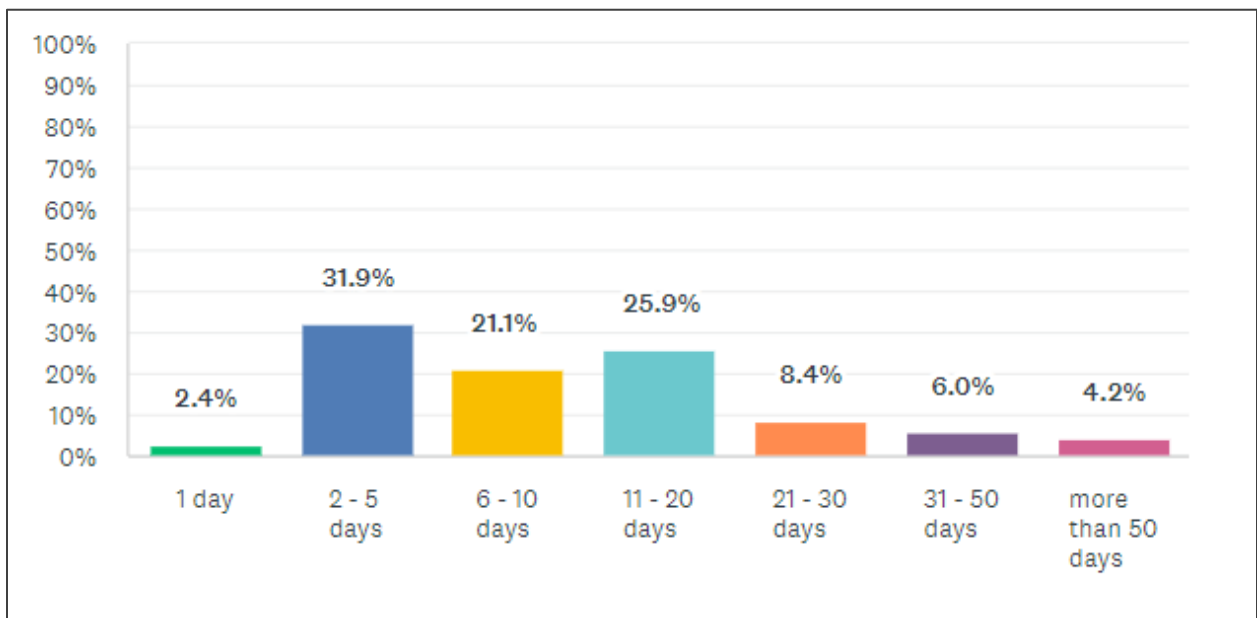


**Figure 6.2-3 Respondents by ZIP Code**

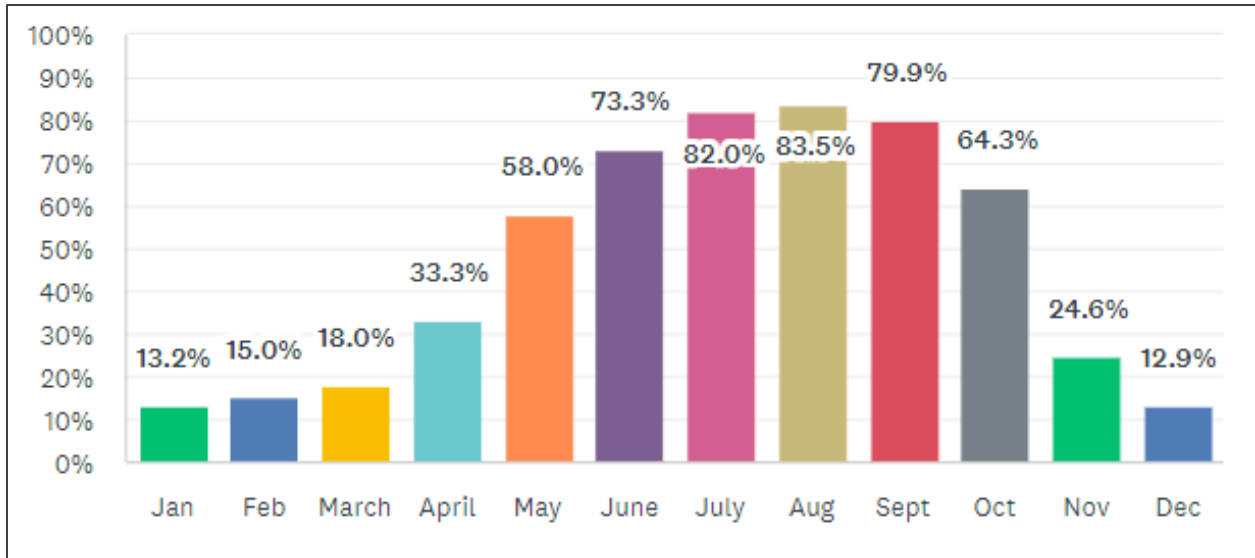
More than half of the respondents (54.3 percent) are over the age of 55 and have visited the area for an average of 23 years (Figure 6.2-4). Most respondents spend 2 to 5 days (31.9 percent), 6 to 10 days (21.1 percent), or 11 to 20 days (25.9 percent) per year visiting the area (Figure 6.2-5). Respondents typically visit the area most heavily in the months of May through October, with a peak in July and August, where 82.0 percent and 83.5 percent, respectively, of respondents typically visit (Figure 6.2-6). Usage by day of the week is relatively arbitrary (Figure 6.2-7), although there is a slight uptick in typical use for the weekend (Friday, Saturday, and Sunday). Respondents typically visit the area between the hours of 8 a.m. and noon (83.9 percent) or noon and 4 p.m. (64.8 percent) and for a duration of 4 to 8 hours (36.3 percent), as seen in Figures 6.2-8 and 6.2-9 below.



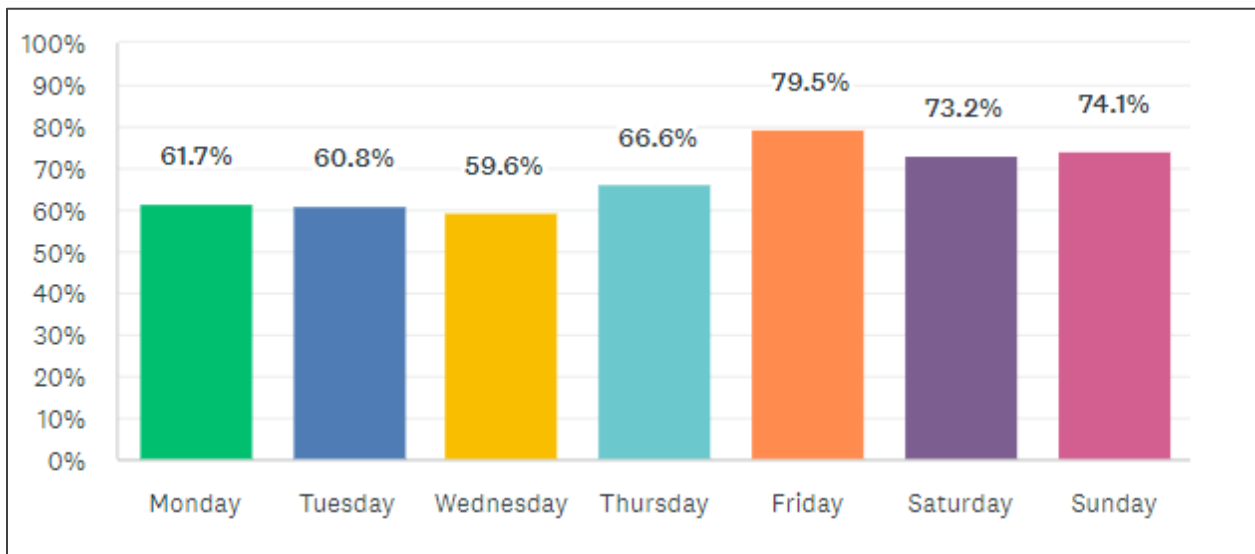
**Figure 6.2-4 Age Range of Respondents**



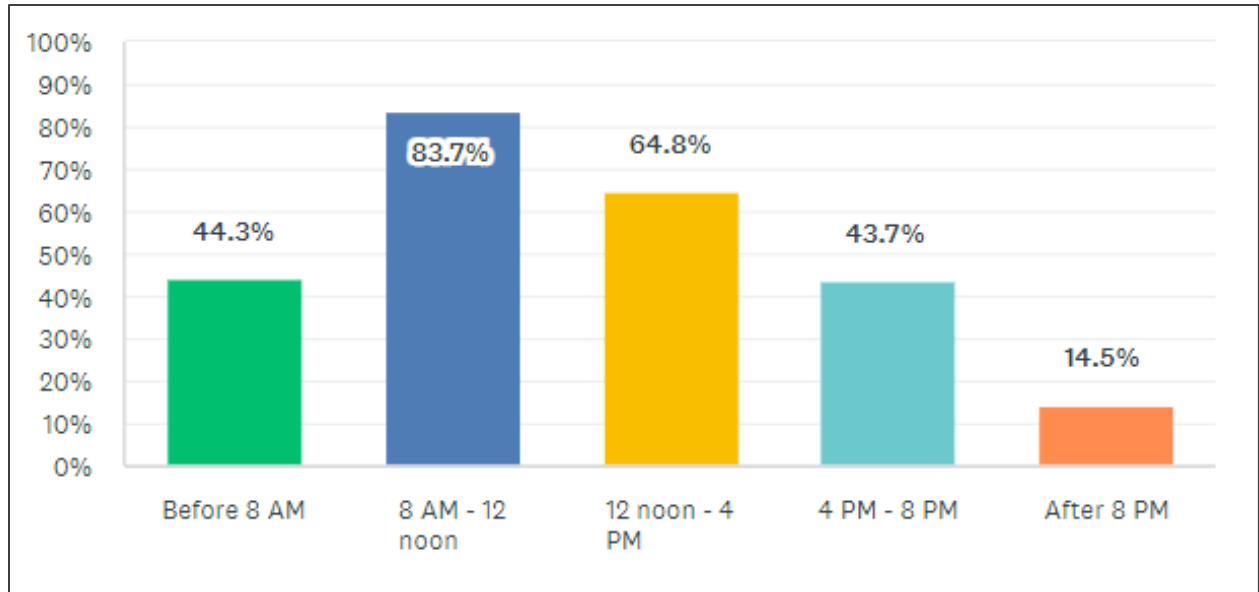
**Figure 6.2-5 Days per Year Recreating at Bishop Creek Area**



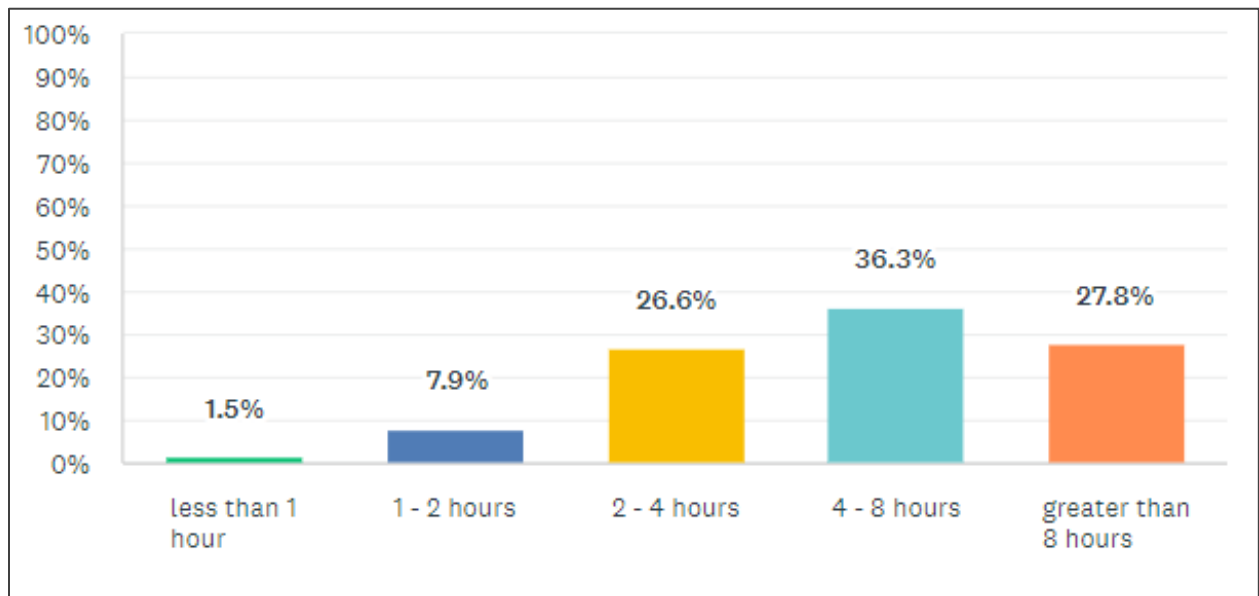
**Figure 6.2-6 Months Respondents Typically Visit the Bishop Creek Area**



**Figure 6.2-7 Days Respondents Typically Visit the Bishop Creek Area**



**Figure 6.2-8 Time of Day Respondents Typically Visit**



**Figure 6.2-9 Typical Duration of Respondents' Visits**



## 6.2.2 GENERAL DAY USE

Based on user responses (Figure 6.2-10), most users have recreated at Lake Sabrina (89.5 percent) and South Lake (90.7 percent) recreation areas, and a little more than half (54.8 percent) of the respondents have recreated at Intake No. 2 Recreation Area. The most popular recreational activities at the Bishop Creek reservoirs are hiking/trail use (88.1 percent), viewing scenery (61.6 percent), fishing (56.1 percent), photography (55.2 percent), relaxing (54.3 percent), Camping (53.4 percent), and viewing wildlife (48.8 percent).

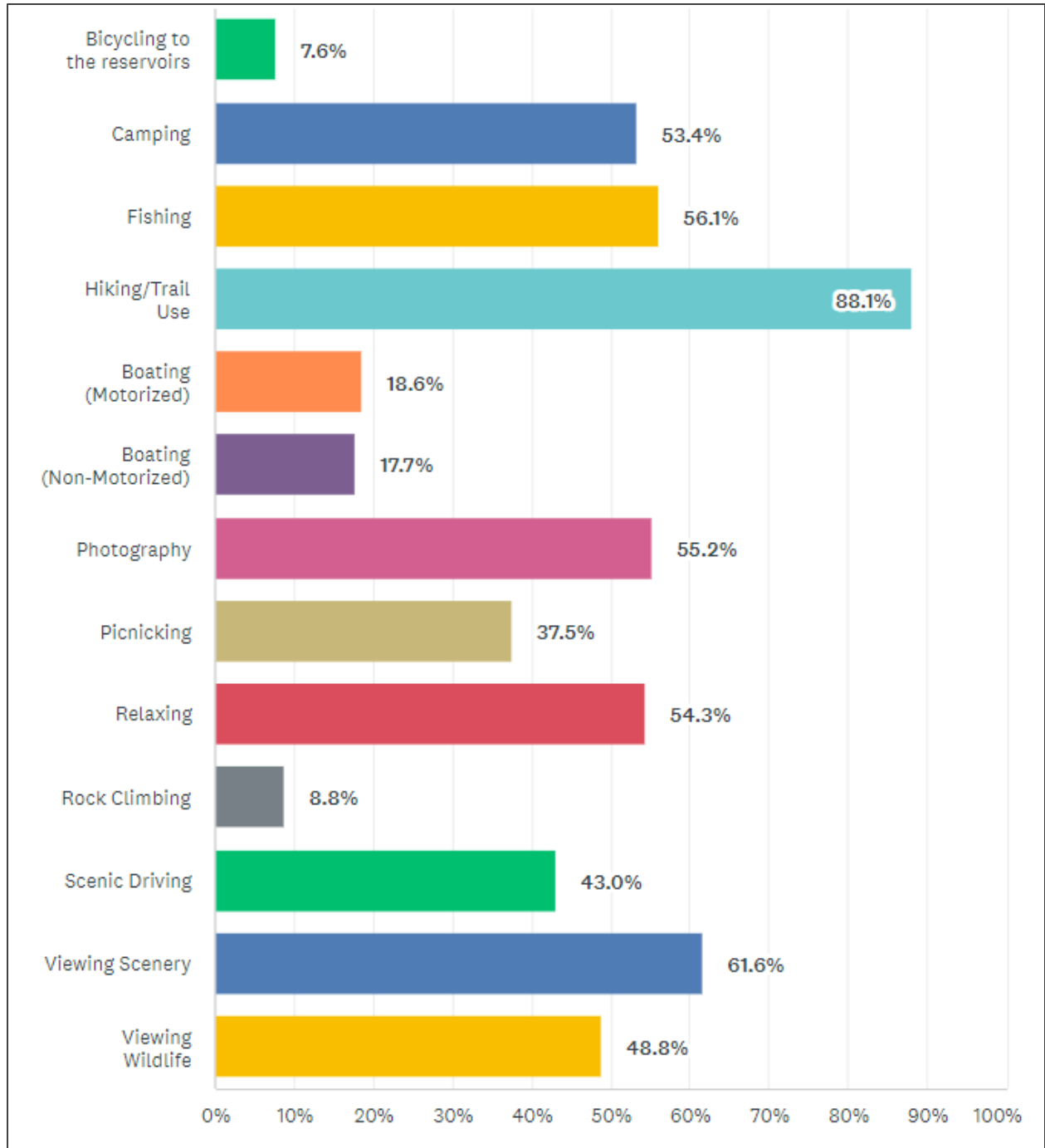
Overall satisfaction with day use facilities at all reservoirs was predominantly neutral or very Satisfied (Table 6.2-6, Figure 6.2-11)). Weighted averages for satisfaction resulted in neutral to very satisfied scores for South Lake (3.6), Lake Sabrina (3.4), and Intake No. 2 Reservoir (3.2).

Overall condition of day use facilities at all reservoirs was predominantly average to excellent at Lake Sabrina and South Lake and Average at Intake No. 2 (Table 6.2-7, Figure 6.2-12). Weighted averages for condition resulted in slightly above average scores for South Lake (3.5), Lake Sabrina (3.2), and Intake No. 2 Reservoir (3.1).

Perception of crowdedness of day use facilities at all reservoirs predominantly ranges from sometimes crowded to always crowded (Table 6.2-8, Figure 6.2-13). Weighted averages for perception of crowdedness resulted in sometimes crowded to always crowded scores for South Lake (3.6), Lake Sabrina (3.5), and Intake No. 2 Reservoir (3.7).

Respondents were asked to rate the adequacy of the number of day use facilities at the reservoirs on a scale of 1 to 5, where 1 is too few, 3 is about right, and 5 is too many. Table 6.2-9 (and Figure 6.2-14) summarizes the results. While the most common answer for nine of the ten categories was about right, the weighted averages for all ten categories was below 3 (about right), meaning that respondents leaned towards there being too few of these facilities. A high number of responses indicated that vehicle parking facilities were too few (38.2 percent). Table 6.2-9 notes in parenthesis the percentage of actual ratings given, meaning that answers marked as not applicable (N/A) were removed from the total and percentages recalculated. Categories with a high number of N/A responses (trailer parking, boat launches, public docks, swim areas, and fish cleaning stations) are indicators of specialized facilities or uses that not all recreation users participate in, such as fishing and motorized boating. Fine tuning these numbers will reveal what those specialized users feel about the number of facilities. Within this focused data, there are a few notable responses:

- Trailer parking: 40.5 percent indicated too few
- Boat launches: 81.4 percent indicated about right
- Public docks: 62.1 percent indicated about right
- Swim areas: 56.0 percent indicated about right
- Fish cleaning stations: 35.2 percent indicated too few

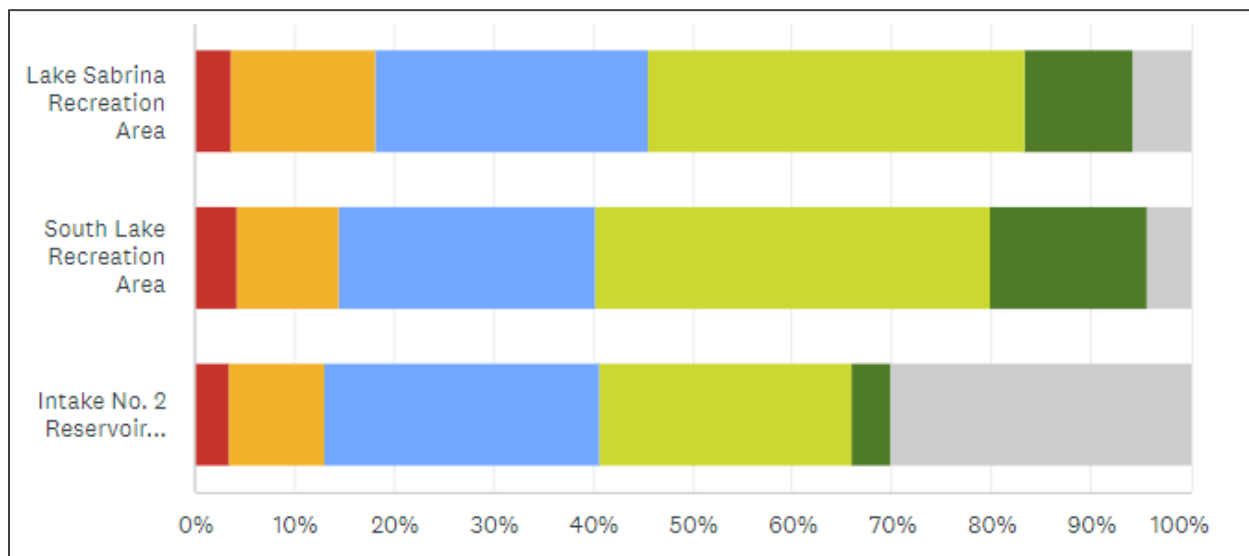


**Figure 6.2-10 Respondents' Recreational Activities**

**Table 6.2-6 Overall Satisfaction with Day Use Facilities (Rating 1 to 5)**

Recreation Area	1	2	3	4	5	N/A	Weighted Average
	Not at All Satisfied	Slightly Satisfied	Neutral	Very Satisfied	Extremely Satisfied		
Lake Sabrina	3.7% (3.9%) <sup>a</sup>	14.5% (15.4%)	27.4% (29.0%)	37.8% (40.1%)	10.8% (11.5%)	5.7%	3.4
South Lake	4.4% (4.6%)	10.1% (10.5%)	25.8% (27.0%)	39.6% (41.4%)	15.8% (16.5%)	4.4%	3.6
Intake No. 2 Reservoir	3.5% (5.1%)	9.5% (13.6%)	27.6% (39.4%)	25.4% (36.4%)	3.9% (5.6%)	30.0%	3.2

<sup>a</sup> Data within parentheses represent percentage of actual ratings given, excluding those that marked an answer as not applicable.



**Figure 6.2-11**

**Overall Satisfaction with Day Use Facilities**

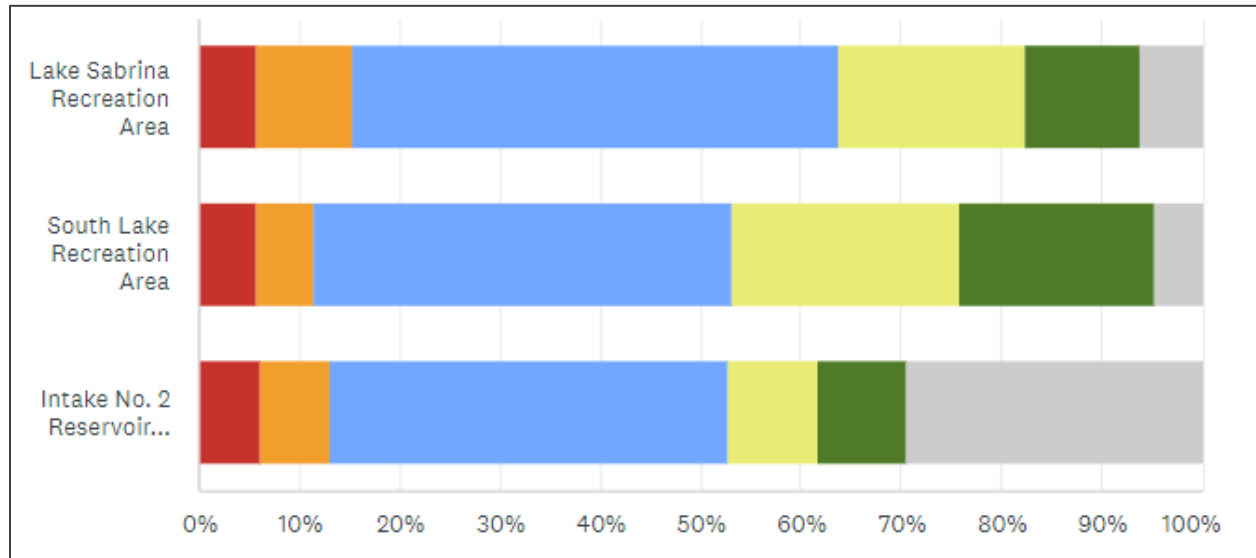
Note: See Table for Color Legend

**Table 6.2-7 Overall Condition of Day Use Facilities<sup>a</sup>**

Recreation Area	1	2	3	4	5	N/A	Weighted Average
	Poor		Average		Excellent		
Lake Sabrina	5.8% (6.1%) <sup>b</sup>	9.5% (10.1%)	48.5% (51.6%)	18.6% (19.9%)	11.5% (12.3%)	6.1%	3.2
South Lake	5.7% (6.0%)	5.7% (6.0%)	41.8% (43.9%)	22.7% (23.9%)	19.4% (20.3%)	4.7%	3.5
Intake No. 2 Reservoir	6.2% (8.8%)	6.9% (9.8%)	39.6% (56.2%)	9.1% (12.9%)	8.7% (12.4%)	29.5%	3.1

<sup>a</sup>Rating scale of 1 to 5

<sup>b</sup>Data within parentheses represent percentage of actual ratings given, excluding those that marked an answer as not applicable.



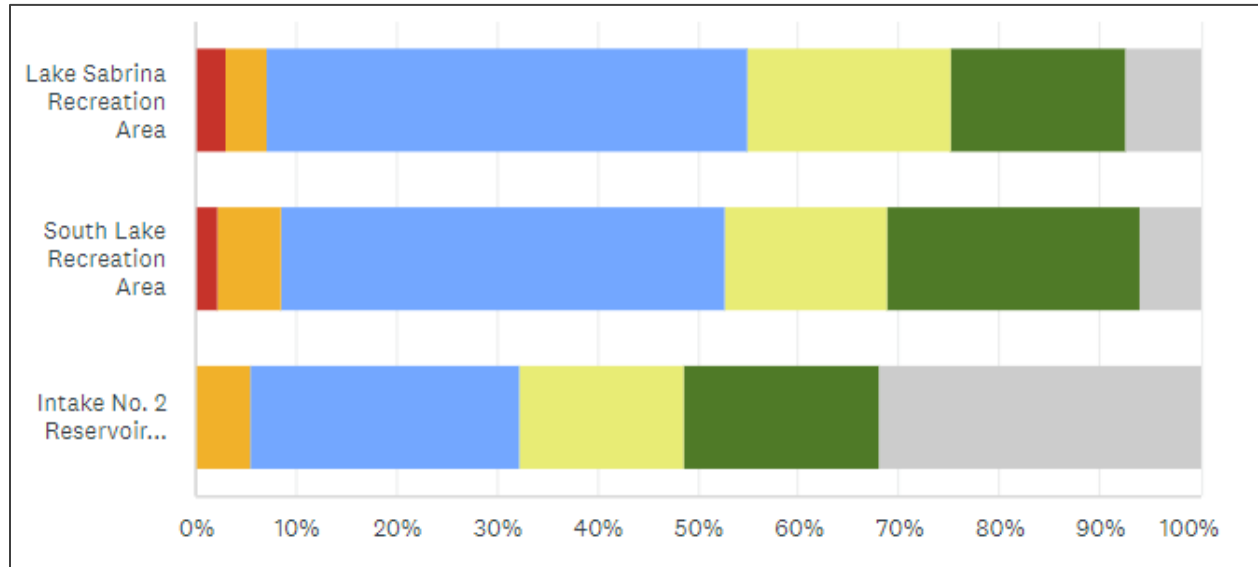
**Figure 6.2-12 Overall Condition of Day Use Facilities**

Note: See Table for Color Legend

**Table 6.2-8 Perception of Crowdedness**

Recreation Area	1	2	3	4	5	N/A	Weighted Average
	Never Crowded		Sometimes Crowded		Always Crowded		
Lake Sabrina	3.0% (3.3%) <sup>a</sup>	4.1% (4.4%)	48.0% (51.8%)	20.3% (21.9%)	17.2% (18.6%)	7.4%	3.5
South Lake	2.3% (2.5%)	6.3% (6.7%)	44.0% (46.8%)	16.3% (17.4%)	25.0% (26.6%)	6.0%	3.6
Intake No. 2 Reservoir	0.0% (0.0%)	5.6% (8.2%)	26.7% (39.2%)	16.5% (24.2%)	19.3% (28.4%)	31.9%	3.7

<sup>a</sup> Data within parentheses represent percentage of actual ratings given, excluding those that marked an answer as not applicable.



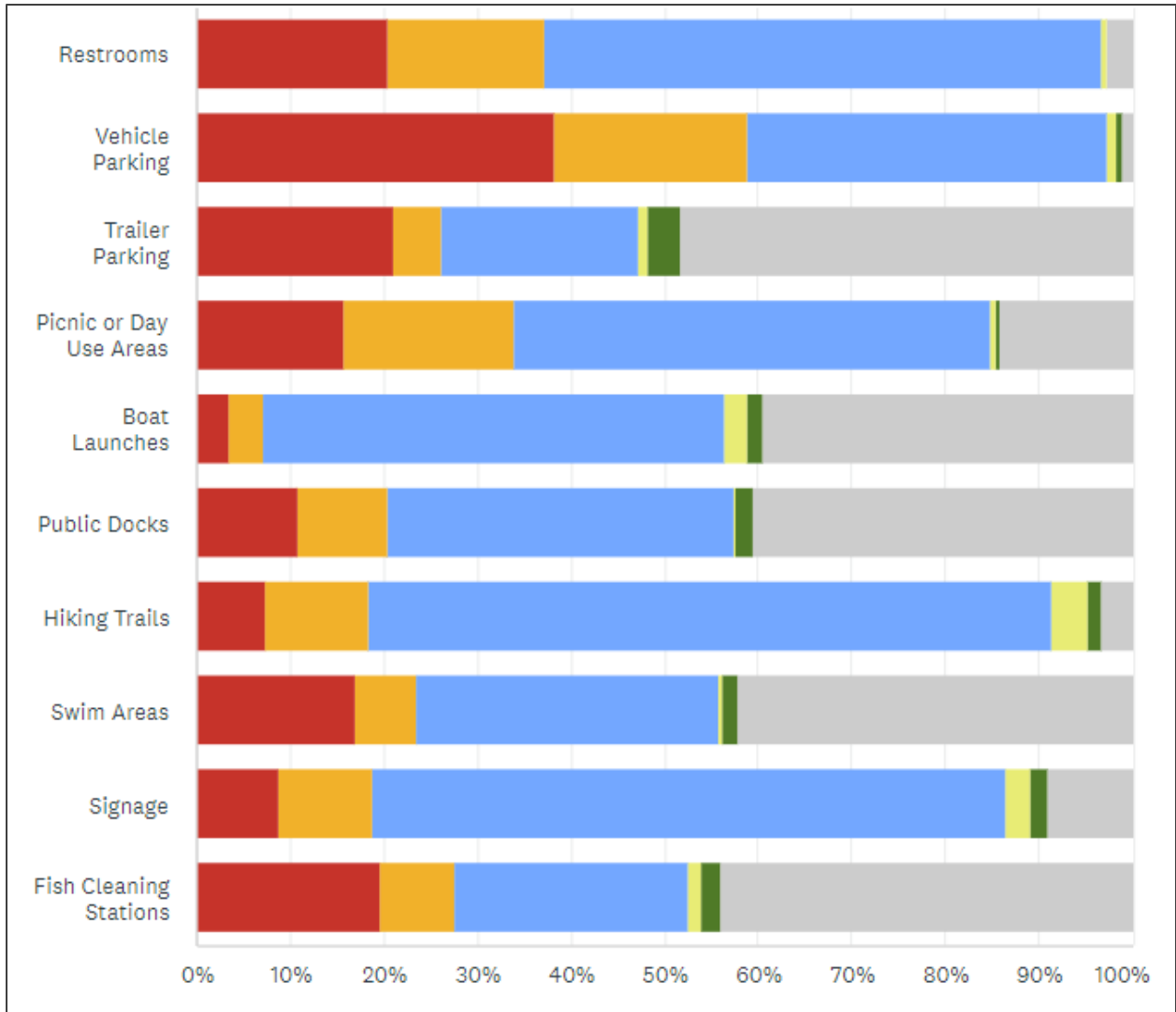
**Figure 6.2-13 Perception of Crowdedness**

Note: See Table for Color Legend

**Table 6.2-9 Number of Day Use Facilities**

Facility	1	2	3	4	5	N/A	Weighted Average
	Too Few		About Right		Too Many		
Restrooms	20.4% (20.9%) <sup>a</sup>	16.8% (17.2%)	59.5% (61.1%)	0.7% (0.7%)	0.0% (0.0%)	2.6%	2.4
Vehicle Parking	38.2% (38.6%)	20.6% (20.8%)	38.6% (38.9%)	1.0% (1.0%)	0.7% (0.7%)	1.0%	2.0
Trailer Parking	21.0% (40.5%)	5.2% (10.1%)	21.0% (40.5%)	1.1% (2.0%)	3.5% (6.8%)	48.3%	2.2
Picnic or Day Use Areas	15.8% (18.4%)	18.2% (21.2%)	50.8% (59.2%)	0.7% (0.8%)	0.3% (0.4%)	14.1%	2.4
Boat Launches	3.4% (5.6%)	3.8% (6.2%)	49.3% (81.4%)	2.4% (4.0%)	1.7% (2.8%)	39.4%	2.9
Public Docks	10.9% (18.3%)	9.5% (16.0%)	37.0% (62.1%)	0.4% (0.6%)	1.8% (3.0%)	40.5%	2.5
Hiking Trails	7.3% (7.5%)	11.2% (11.6%)	72.9% (75.4%)	4.0% (4.1%)	1.3% (1.4%)	3.3%	2.8
Swim Areas	16.9% (29.2%)	6.6% (11.3%)	32.4% (56.0%)	0.3% (0.6%)	1.7% (3.0%)	42.1%	2.4
Signage	8.8% (9.6%)	10.1% (11.1%)	67.7% (74.4%)	2.7% (3.0%)	1.7% (1.9%)	9.1%	2.8
Fish Cleaning Stations	19.7% (35.2%)	8.0% (14.2%)	24.9% (44.4%)	1.4% (2.5%)	2.1% (3.7%)	43.9%	2.3

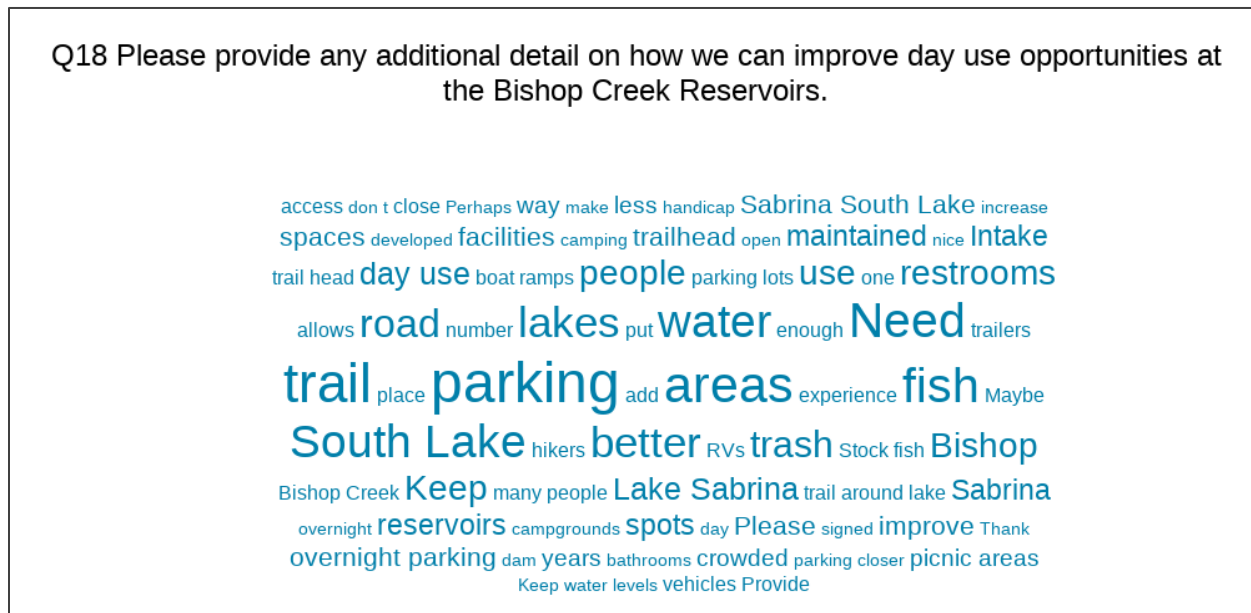
<sup>a</sup> Data within parentheses represent percentage of actual ratings given, excluding those that marked an answer as not applicable.



**Figure 6.2-14 Number of Day Use Facilities**



At the conclusion of questions related to day use facilities, the survey also asked that respondents provide any additional detail on how day use opportunities may be improved at the Bishop Creek Reservoirs. A total of 140 open-ended answers were received for this question. A word cloud for this question is provided in Figure 6.2-15 word clouds are a method for displaying large amounts of qualitative data to highlight trends and key phrases. For each word cloud, the size of the word directly correlates to the number of times it was used in responses. The larger the word, the more often it appears in answers to that specific question. A complete printout of responses to this question may be found in Appendix B.



**Figure 6.2-15 Word Cloud for Question 18 Open-Ended Responses**

### 6.2.3 FISHING

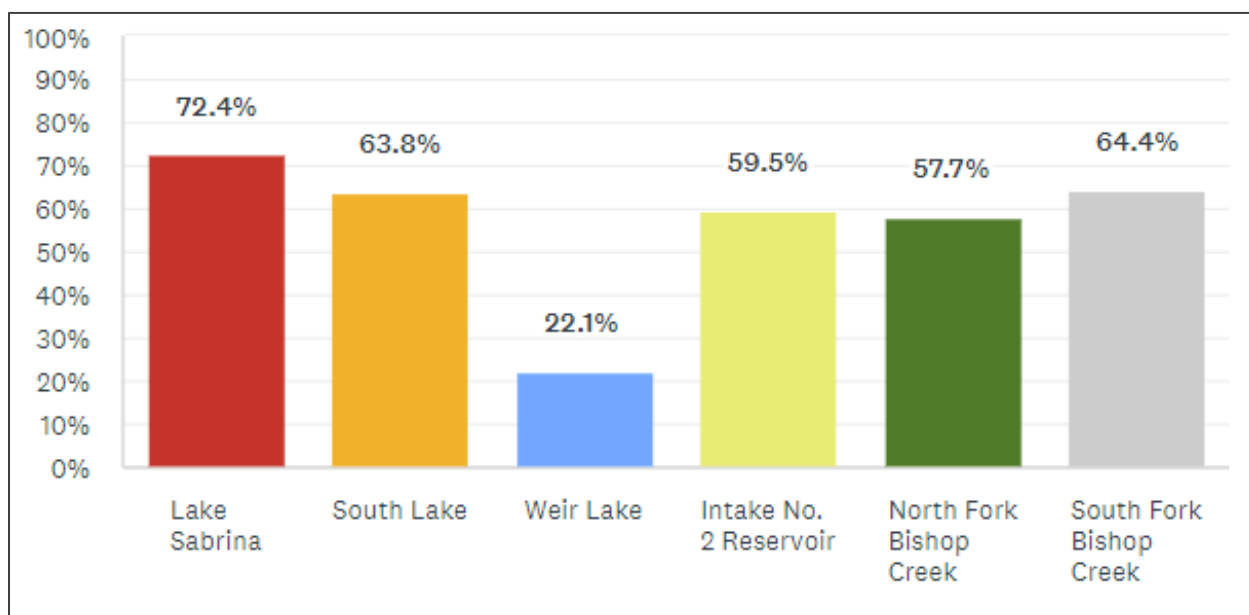
Users were asked whether they have fished or are interested in fishing at the Bishop Creek reservoirs, Weir Lake, or North Fork or South Fork Bishop Creek. Based on user responses, 56.7 percent of users have fished at these locations; 36.8 percent have no desire to fish at these locations; and 6.5 percent have wanted to fish at these locations but were prevented from doing so. Of those that were prevented from fishing ( $n=21$ ), the most common responses were that either the facilities were too crowded (27.8 percent) or there were insufficient opportunities and accessibility (27.8 percent). Additional questions were asked of those that indicated they have fished at these locations.

Fishermen at the reservoirs appear to frequent a variety of locations (reservoirs and creeks) in the Bishop Creek Project area, as more than half of all respondents have fished at all locations except Weir Lake, where only 22.1 percent of respondents typically fish. Perception of crowdedness of fishing areas varies depending on location. Along North Fork and South Fork Bishop Creek, the most common responses were sometimes

crowded with many responses leaning towards never crowded (Table 6.1-1). At Lake Sabrina and South Lake, the most common responses were sometimes crowded, although many responses leaned towards always crowded. At Intake No. 2 Reservoir, the most common response was always crowded (33.6 percent), with 96.8 percent of all responses between sometimes crowded and always crowded. Weighted averages for perception of crowdedness resulted in sometimes crowded to always crowded scores at Intake No. 2 Reservoir (4.0), Weir Lake (3.5), Lake Sabrina (3.5), South Lake (3.3), and North Fork Bishop Creek (3.1); South Fork Bishop Creek, which scored between sometimes crowded and never crowded (2.9).

Table 6.2-10 notes in parenthesis the percentage of actual ratings given, meaning that answers marked as not applicable were removed from the total and percentages recalculated. This is of note for Weir Lake since many respondents that do not fish here chose N/A for that question. Fine tuning these numbers increase the perception of always crowded from 19.0 percent to 30 percent, although the most common response is still sometimes crowded at 38.9 percent.

At the conclusion of the questions related to fishing, the survey asked that respondents provide any additional detail on how fishing opportunities may be improved at the Bishop Creek reservoirs. A total of 59 open-ended answers were received for this question. A word cloud for this question is provided in Figure 6.2-17. For each word cloud, the size of the word directly correlates to the number of times it was used in responses. The larger the word, the more often it appears in answers to that specific question. A complete printout of responses to this question is provided in Appendix B.



**Figure 6.2-16 Where Respondents Typically Spend Time Fishing**



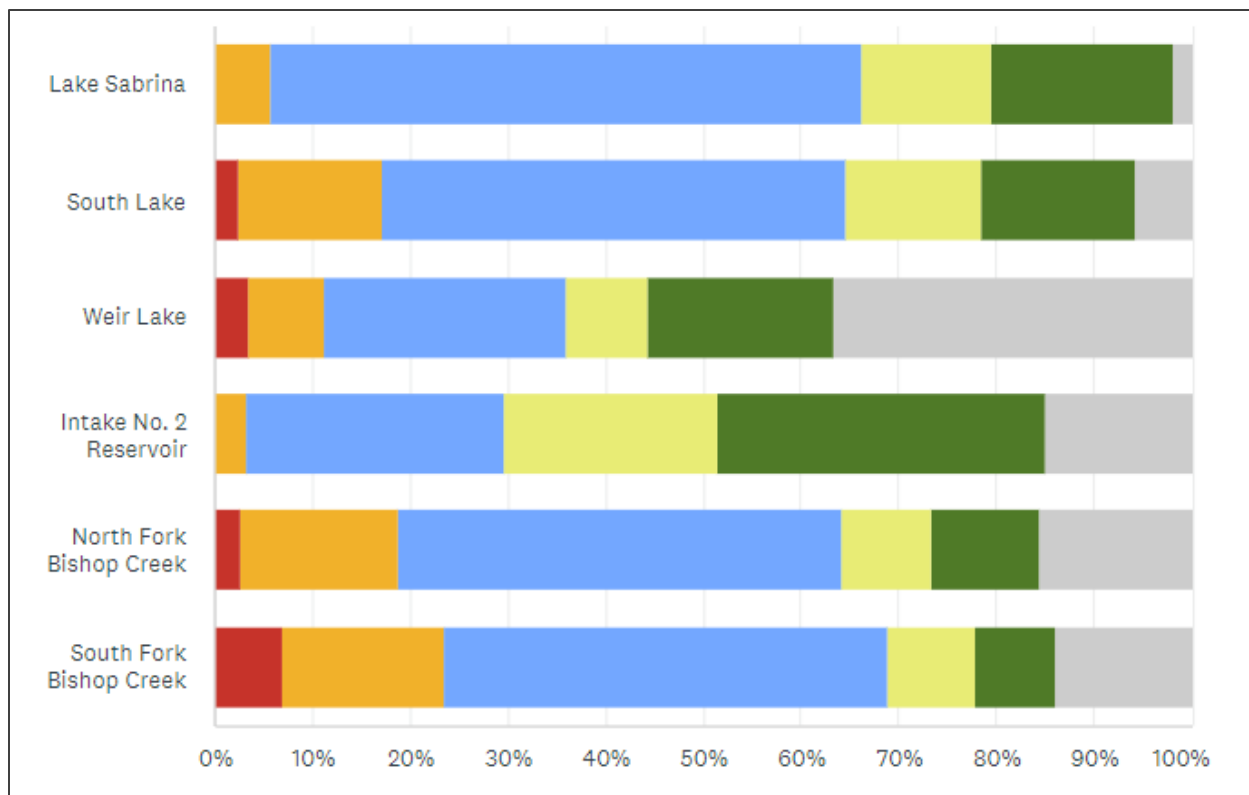
**Figure 6.2-17 Word Cloud for Question 24 Open-Ended Responses**

**Table 6.2-10 Perception of Crowdedness**

Recreation Area	1	2	3	4	5	N/A	Weighted Average
	Never Crowded		Sometimes Crowded		Always Crowded		
Lake Sabrina	0.0% (0.0%) <sup>a</sup>	5.7% (5.8%)	60.5% (61.7%)	13.4% (13.6%)	18.5% (18.8%)	1.9%	3.5
South Lake	2.5% (2.7%)	14.6% (15.4%)	47.5% (50.3%)	13.9% (14.8%)	15.8% (16.8%)	5.7%	3.3
Weir Lake	3.5% (5.6%)	7.8% (12.2%)	24.7% (38.9%)	8.5% (13.3%)	19.0% (30%)	36.6%	3.5
Intake No. 2 Reservoir	0.0% (0.0%)	3.2% (3.8%)	26.5% (31.1%)	21.9% (25.8%)	33.6% (39.4%)	14.8%	4.0
North Fork Bishop Creek	2.6% (3.1%)	16.2% (19.2%)	45.5% (53.9%)	9.1% (10.8%)	11.0% (13.1%)	15.6%	3.1
South Fork Bishop Creek	7.0% (8.1%)	16.5% (19.1%)	45.6% (52.9%)	8.9% (10.3%)	8.2% (9.6%)	13.9%	2.9

<sup>a</sup> Data within parentheses represent percentage of actual ratings given, excluding those that marked an answer as not applicable.

Note: Rating 1 to 5



**Figure 6.2-18 Perception of Crowdedness**

#### 6.2.4 BOATING

Users were asked whether they have boated or are interested in fishing at the Bishop Creek reservoirs. Based on user responses, 47.1 percent of users have no desire to boat at the reservoirs; 41.1 percent have boated at the reservoirs; and 11.8 percent have wanted to boat at the reservoirs but were prevented from doing so. Of those that were prevented from boating, for which only 21 users responded, the most common responses were that either there were too many motorized boats on the reservoirs (38.1 percent), there were no boat rentals available (27.8 percent), or boat rental fees were too high (19.5 percent). Additional questions were asked of those that indicated they have boated at the reservoirs.

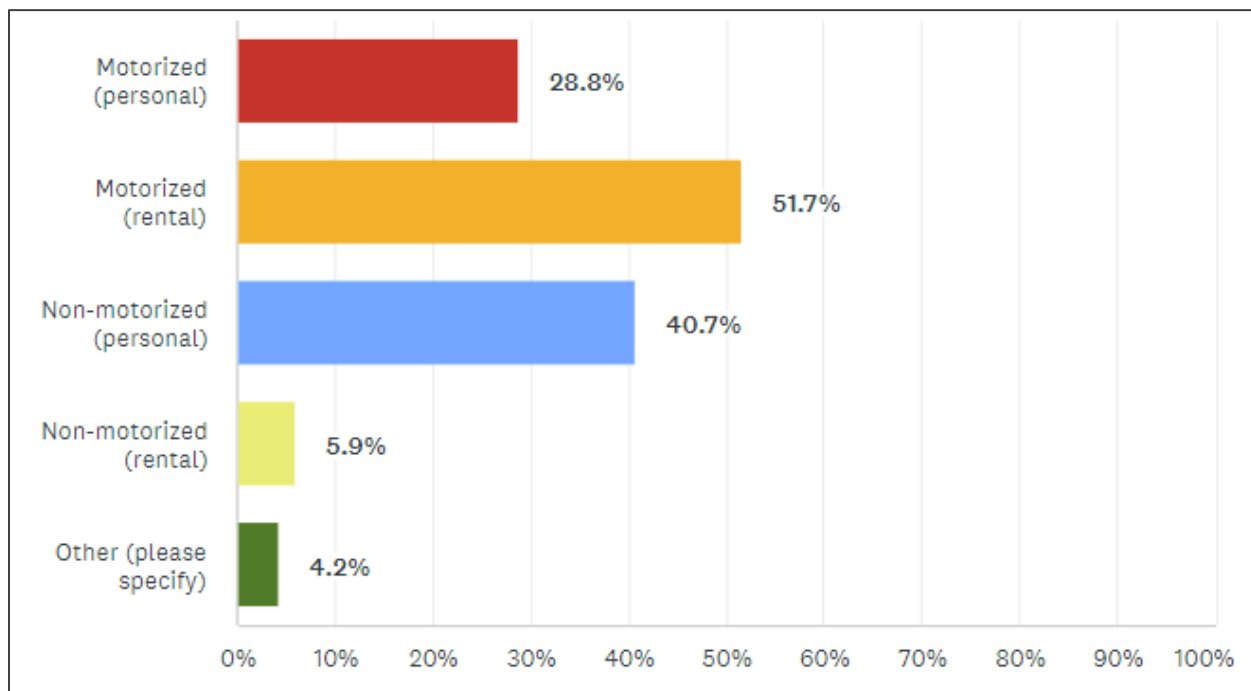
Boaters typically spend their time at Lake Sabrina (52.1 percent) and South Lake (39.5 percent) with lesser use at Intake No. 2 Reservoir (8.4 percent) where motorized boating is not allowed. The preferred type of watercraft for boaters at the Bishop Creek reservoirs is motorized (rental) at 51.7 percent, non-motorized (personal) at 40.7 percent, motorized (personal) at 28.8 percent, and non-motorized (rental) at 5.9 percent; 4.2 percent of respondents indicated other with responses that included kayaks, sailboats, float tubes, and paddleboards.

Boating activity at the reservoirs is predominantly for pleasure/paddling (69.5 percent) or fishing (30.5 percent). Overall satisfaction with boating access varies by feature.

Respondents were predominantly neutral or very satisfied with the number of launching facilities, condition of launching facilities, boating size/speed restrictions, and fees for boat rentals (Figure 6.2-19). Respondents were predominantly neutral to not at all satisfied with parking for boat trailers and lake levels. In 2021 when the drought limited access, 50.4 percent of respondents were not at all satisfied with Lake Levels.

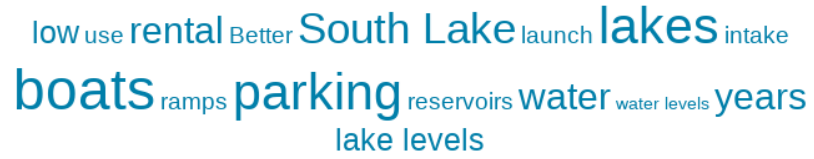
Weighted averages for satisfaction resulted in neutral to very satisfied scores for number of launching facilities (3.3), condition of launching facilities (3.0), boating size/speed restrictions 3.5), and fees for boat rentals (3.3); weighted averages for lake levels (1.8) and parking for boat trailers (2.3) range closer to not at all satisfied or slightly satisfied.

At the conclusion of the boating-related questions, the survey asked that respondents provide any additional detail on how boating opportunities may be improved at the Bishop Creek reservoirs. A total of 47 open-ended answers were received for this question. A word cloud for this question is provided in Figure 6.2-20. For each word cloud, the size of the word directly correlates to the number of times it was used in responses. The larger the word, the more often it appears in answers to that specific question. A complete printout of responses to this question is provided in Appendix B.



**Figure 6.2-19 Preferred Watercraft**

Q35 Please provide any additional detail on how we can improve boating opportunities at the Bishop Creek Reservoirs.

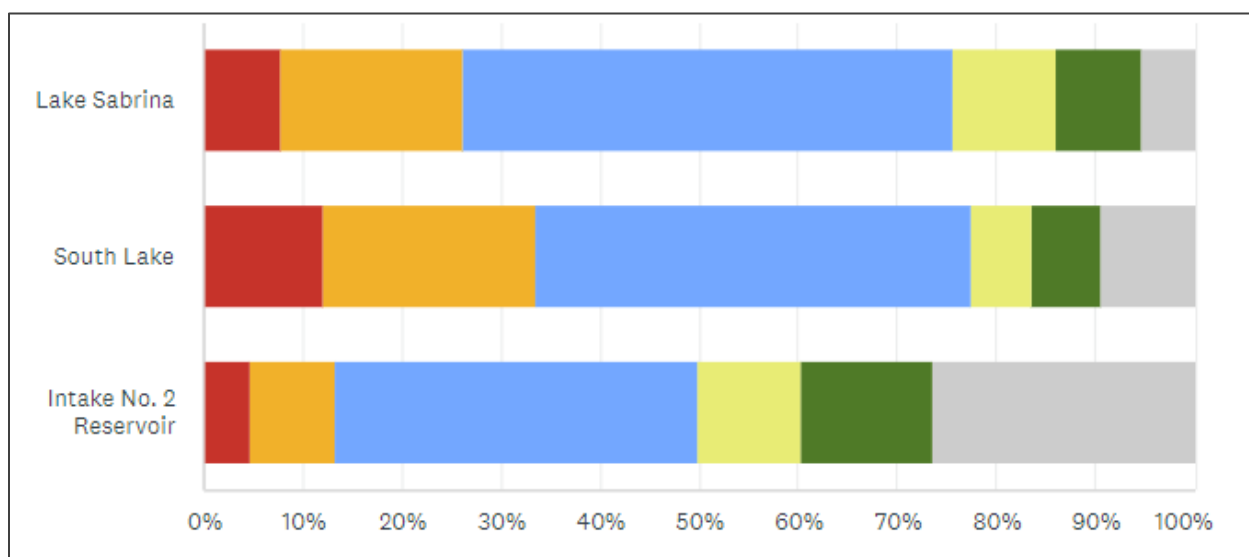


**Figure 6.2-20**      **Word Cloud for Question 35 Open-Ended Responses**

**Table 6.2-11 Perception of Crowdedness**

Recreation Area	1	2	3	4	5	N/A	Weighted Average
	Never Crowded		Sometimes Crowded		Always Crowded		
Lake Sabrina	7.8% (8.3%) <sup>a</sup>	18.3% (19.3%)	49.6% (52.3%)	10.4% (11.0%)	8.7% (9.2%)	5.2%	2.9
South Lake	12.1% (13.3%)	21.6% (23.8%)	44.0% (48.6%)	6.0% (6.7%)	6.9% (7.6%)	9.5%	2.7
Intake No. 2 Reservoir	4.7% (6.4%)	8.5% (11.5%)	36.8% (50.0%)	10.4% (14.1%)	13.2% (17.9%)	26.4%	3.3

<sup>a</sup> Data within parentheses represent percentage of actual ratings given, excluding those that marked an answer as not applicable.

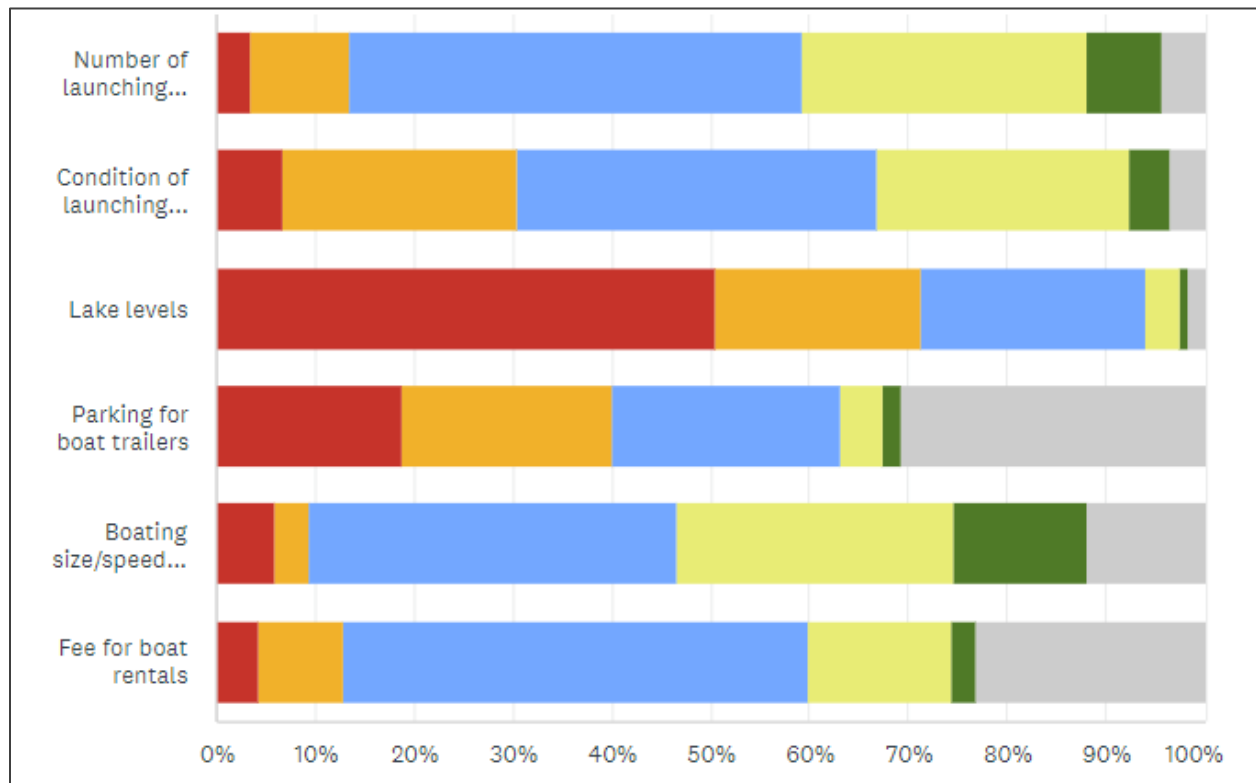


**Figure 6.2-21 Perception of Crowdedness**

**Table 6.2-12 Overall Satisfaction with Boating Access**

Boating Feature	1	2	3	4	5	N/A	Weighted Average
	Not at All Satisfied	Slightly Satisfied	Neutral	Very Satisfied	Extremely Satisfied		
Number of launching facilities	3.4% (3.5%) <sup>a</sup>	10.2% (10.6%)	45.8% (47.8%)	28.8% (30.1%)	7.6% (8.0%)	4.2%	3.3
Condition of launching facilities	6.8% (7.0%)	23.7% (24.6%)	36.4% (37.7%)	25.4% (26.3%)	4.2% (4.4%)	3.4%	3.0
Lake levels	50.4% (51.3%)	21.0% (21.4%)	22.7% (23.1%)	3.4% (3.4%)	0.8% (0.9%)	1.7%	1.8
Parking for boat trailers	18.8% (6.7%)	21.4% (30.9%)	23.1% (33.3%)	4.3% (6.2%)	1.7% (2.5%)	30.8%	2.3
Boating size/speed restrictions	5.9% (6.7%)	3.4% (3.8%)	37.3% (42.3%)	28.0% (31.7%)	13.6% (15.4%)	11.9%	3.5
Fee for boat rentals	3.4% (5.6%)	10.2% (11.1%)	45.8% (61.1%)	28.8% (18.9%)	7.6% (3.3%)	4.2%	3.3

<sup>a</sup> Data within parentheses represent percentage of actual ratings given, excluding those that marked an answer as not applicable.



**Figure 6.2-22 Overall Satisfaction with Boating Access**



## 6.2.5 CAMPGROUNDS

Based on user responses, 64.9 percent expressed that they would utilize overnight facilities at the Bishop Creek reservoirs if they were available, and 37.1 percent indicated that they would not. Users were asked whether they have previously stayed or wanted to stay at a developed campground near the Bishop Creek reservoirs. Based on user responses, 62.5 percent of users have stayed at one of the developed campgrounds; 20.8 percent expressed no desire to stay at a developed campground near the Bishop Creek reservoirs; and 16.7 percent wanted to stay at one of the developed campgrounds but something prevented me from doing so. Of those that were prevented from camping at a developed campground, for which 38 users responded, the most common responses were that all reservations were booked (36.8 percent) or the campgrounds were too crowded (44.7 percent). Additional questions were asked of those that indicated they have stayed at developed campgrounds near the reservoirs.

Overall satisfaction with developed campgrounds ranked as follows: very satisfied (50.6 percent), neutral (21.3 percent), extremely satisfied (12.9 percent), slightly satisfied (12.9 percent), and not at all satisfied (1.7 percent). The weighted average of these responses was 3.6. The condition, management, and cleanliness of developed campgrounds was predominantly ranked from average to excellent with a weighted average of 3.7.

Most respondents indicated that the number of campgrounds near the Bishop Creek reservoirs was about right (61.4 percent) with the majority of the remainder of responses leaning towards too few (Table 6.2-15). Perception of crowdedness at the campgrounds was predominantly noted as sometimes crowded (49.2 percent) with the remainder of responses leaning towards always crowded (Table 6.2-16); 91.1 percent of respondents noted that if campgrounds were more crowded, it would diminish their experience. Fees at the campgrounds were predominantly noted as about right (59.2 percent) with the remainder of responses leaning towards too high (Table 6.2-17). The importance of the proximity of campgrounds to preferred recreational activities was predominantly noted as very important (36.9 percent), somewhat important (31.8 percent), and extremely important (22.3 percent).

At the conclusion of questions related to developed campgrounds near the reservoirs, the survey asked that respondents provide any additional detail on how camping opportunities may be improved at the Bishop Creek reservoirs. A total of 61 open-ended answers were received for this question. A word cloud for this question is provided in Figure 6.2-23. For each word cloud, the size of the word directly correlates to the number of times it was used in responses. The larger the word, the more often it appears in answers to that specific question. A complete printout of responses to this question is provided in Appendix B.

**Table 6.2-13 Overall Satisfaction with Developed Campgrounds**

	1	2	3	4	5	N/A	Weighted Average
	Not at All Satisfied	Slightly Satisfied	Neutral	Very Satisfied	Extremely Satisfied		
Responses	1.7%	12.9%	21.3%	50.6%	12.9%	0.6%	3.6

**Table 6.2-14 Condition, Management, and Cleanliness of Developed Campgrounds**

	1	2	3	4	5	N/A	Weighted Average
	Poor		Average		Excellent		
Responses	3.9%	3.4%	36.9%	26.3%	29.1%	0.6%	3.7

**Table 6.2-15 Rating of Number of Campgrounds Near Bishop Creek Reservoirs**

	1	2	3	4	5	Weighted Average
	Too Few		About Right		Too Many	
Responses	14.2%	18.2%	61.4%	4.5%	1.7%	2.61

**Table 6.2-16 Perception of Crowdedness at Campgrounds**

	1	2	3	4	5	N/A	Weighted Average
	Never Crowded		Sometimes Crowded		Always Crowded		
Responses	0.6%	10.7%	49.2%	17.5%	21.5%	0.6%	3.5

**Table 6.2-17 Rating of Fees at Campgrounds**

	1	2	3	4	5	N/A	Weighted Average
	Too High		About Right		Too High		
Responses	1.1%	1.7%	59.2%	20.7%	16.8%	0.6%	2.5

**Table 6.2-18 Importance of Proximity of Campgrounds to Preferred Recreational Activity**

	1	2	3	4	5
	Extremely Important	Very Important	Somewhat Important	Not So Important	Not at All Important
Responses	22.3%	36.9%	31.8%	6.7%	2.2%

Q47 Please provide any additional detail on how we can improve or expand campground facilities near the Bishop Creek Reservoirs.



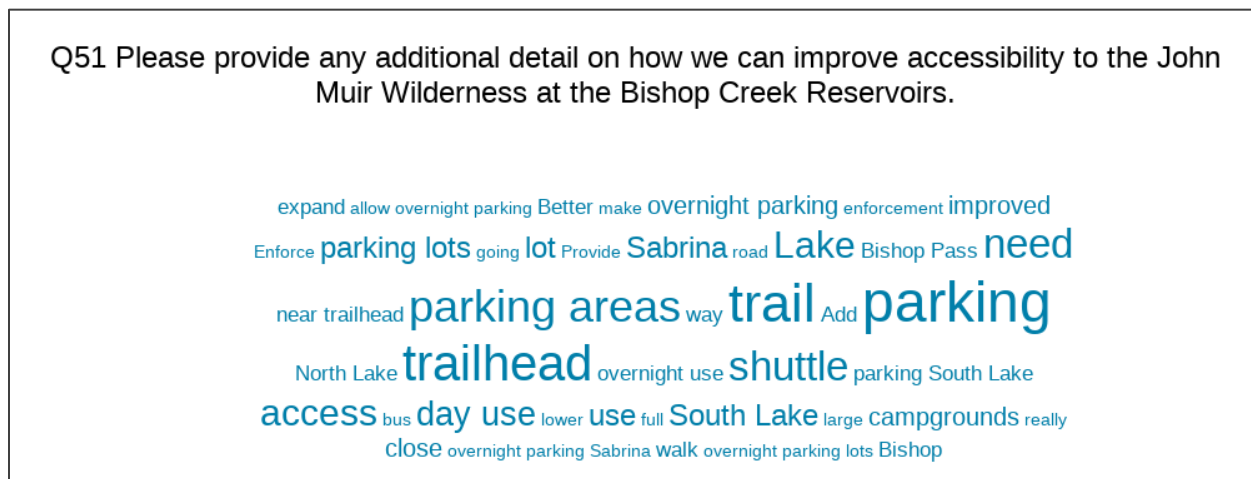
**Figure 6.2-23 Word Cloud for Question 47 Open-Ended Responses**

### 6.2.6 HIKING/WILDERNESS ACCESS

Based on user response, 88.5 percent of respondents indicated they previously used trailheads at the Bishop Creek reservoirs (e.g., Sabrina Basin Trailhead; Bishop Pass Trailhead) to access the John Muir Wilderness. Of those that have used the trails, 84.6 percent have used the trailheads for day use and 62.5 percent have used the trailheads for overnight use in the wilderness. Users were asked to briefly describe where and how they parked their vehicle before access the John Muir Wilderness. A total of 215 open-ended answers were received for this question. A word cloud for this question is provided in Figure 6.2-24. For each word cloud, the size of the word directly correlates to the number of times it was used in responses. The larger the word, the more often it appears in answers to that specific question. The survey asked that respondents provide any additional detail on how accessibility to the John Muir Wilderness at the reservoirs may be improved. A total of 97 open-ended answers were received for this question. A word cloud for this question is provided in Figure 6.2-25. A complete printout of responses to both questions is provided in Appendix B.



**Figure 6.2-24 Word Cloud for Question 50 Open-Ended Responses**



**Figure 6.2-25 Word Cloud for Question 51 Open-Ended Responses**

### 6.2.7 GENERAL FEEDBACK

At the end of the survey, users were asked to share any additional comments they may have related to their visits and recreation activities at the Bishop Creek reservoirs. A total of 89 open-ended answers were received for this question. A word cloud for this question is provided in Figure 6.2-26. For each word cloud, the size of the word directly correlates to the number of times it was used in responses. The larger the word, the more often it

appears in answers to that specific question. A complete printout of responses to this question is provided in Appendix B.

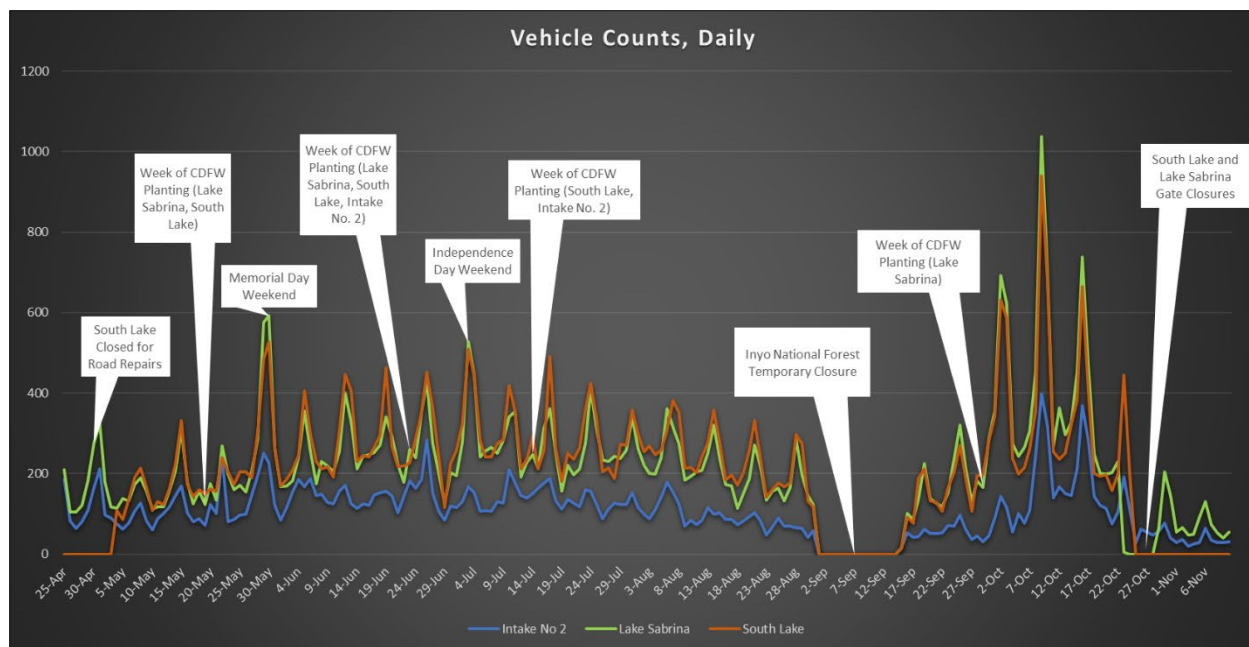


**Figure 6.2-26 Word Cloud for Question 52 Open-Ended Responses**

### 6.3 TRAFFIC COUNTERS

As noted in Table 6.1-1 above, many notable events occurred during the study season that resulted in restricted access to the study area. Most notably, gate and forest closures due to weather, fire activity, and road construction led to multiple days where South Lake, Lake Sabrina, and Intake No. 2 were closed to the public. To characterize typical use of these sites throughout the study season, all averages have excluded those days where access to a site was unavailable. In the discussion and data below, user estimates were based on USFS estimate of an average of 2.5 people per vehicle provided in their 2016 National Visitor Use Monitoring Results for the INF (USFS 2019).

Figure 6.3-1 provides a graphical representation of the total daily vehicle counts and notable events that occurred during the study season that may have influenced user activity. Consistent peaks are associated with weekend use throughout the study season, with more pronounced peak use during holiday weekends and the weeks of CDFW trout plantings. Very high usage is noted during October compared to the prior months, presumably in response to prolonged closure of the area and CDFW trout plantings. Usage troughs are associated with weekend days, as well as periods of no user activity where access was precluded by forest and gate closures due to fire response, inclement weather, and road damage, as noted above.



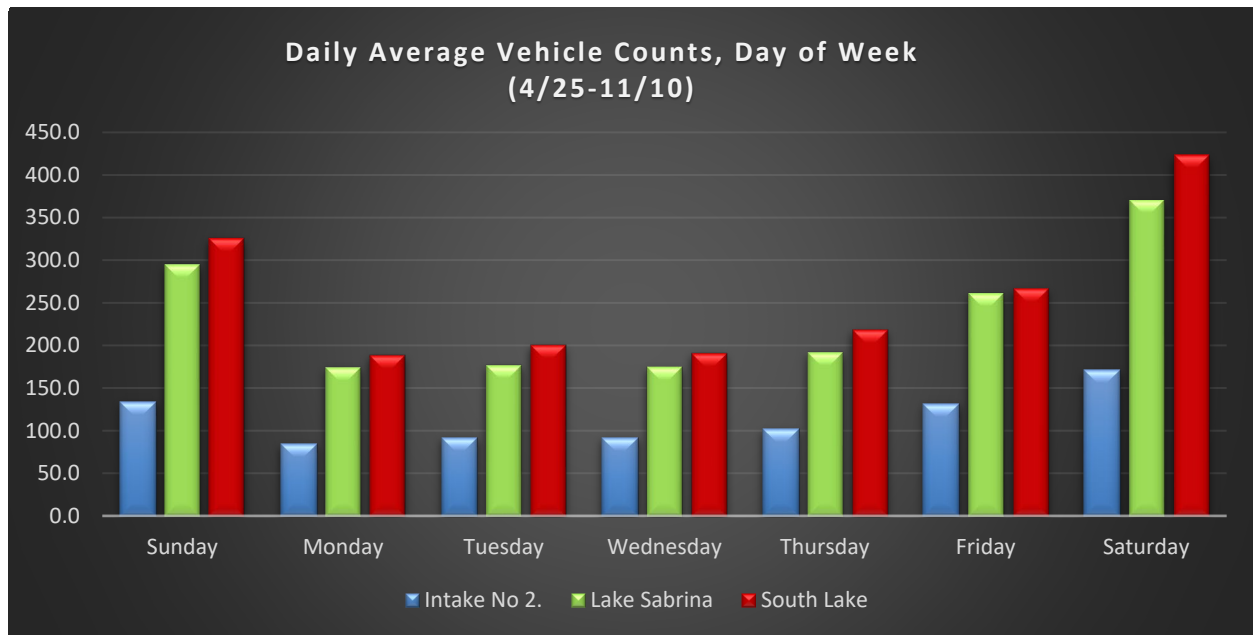
**Figure 6.3-1 Total Vehicle Counts, Daily**

On average, an estimated 9,327 users visited the three recreation areas **each week** during the study season (1,905 at Intake No. 2; 3,630 at Lake Sabrina; and 3,792 at South Lake). The highest average use was on weekend days (Friday daily average of 1,437 users; Saturday daily average of 1,961 users; and Sunday average of 1,523 users) with the lowest usage Monday to Wednesday (Monday averaged 1,029 users and Wednesday averaged 1,052 users). Table 6.3-19 describes the average at each site by day of the week.

As shown on Table 6.3-20, daily averages tend to increase beginning in June as peak recreation season ramps up and taper off in August/September. Figure 6.3-4 provides total vehicle counts by hour of the day. These counts include all activity, both incoming and outgoing, to provide a representative view of traffic throughout the day. As expected, for all sites, traffic increases during the morning as early users arrive, peaks midday, and decreases throughout the evening as users leave the site.

**Table 6.3-19 Daily Average Vehicle Counts and Estimated Users by Day of the Week**

Day of Week	Intake No 2.		Lake Sabrina		South Lake	
	Daily Avg. (Vehicles)	Daily Avg. (Users)	Daily Avg. (Vehicles)	Daily Avg. (Users)	Daily Avg. (Vehicles)	Daily Avg. (Users)
Sunday	134.0	335.0	333.2	832.9	325.9	814.7
Monday	84.9	212.3	197.5	493.8	189.0	472.4
Tuesday	92.0	230.1	209.4	523.5	201.0	502.4
Wednesday	91.7	229.4	198.1	495.2	191.1	477.8
Thursday	102.2	255.4	217.2	542.9	218.8	547.0
Friday	131.3	328.2	284.0	710.1	267.0	667.6
Saturday	171.4	428.5	418.7	1046.7	423.3	1058.2



**Figure 6.3-2 Daily Vehicle Averages by Day of Week**

**Table 6.3-20 Daily Average Vehicle Counts and Estimated Users by Month**

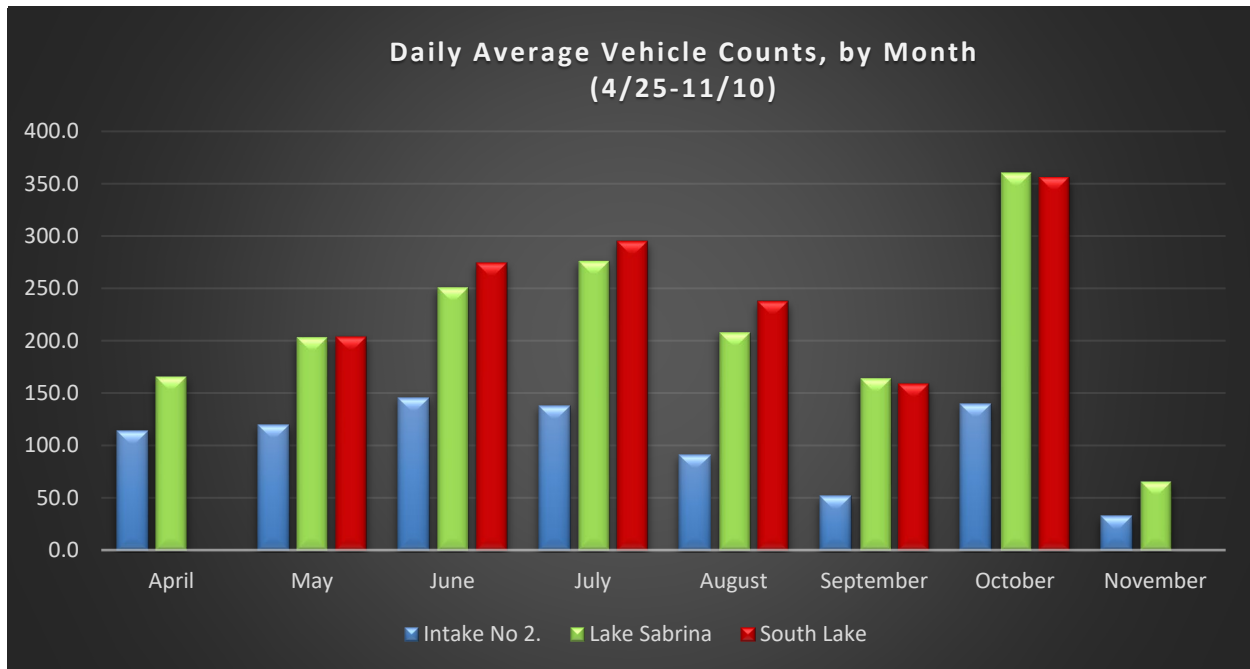
Month	Intake No 2.		Lake Sabrina		South Lake	
	Monthly Avg. (Vehicles)	Daily Avg. (Users)	Daily Avg. (Vehicles)	Daily Avg. (Users)	Daily Avg. (Vehicles)	Daily Avg. (Users)
April <sup>a</sup>	114.0	285.0	166.1	415.2	0.0 <sup>c</sup>	0.0
May	120.1	300.3	203.5	508.8	204.1	510.2
June	145.8	364.4	251.1	627.8	274.3	685.8
July	138.0	345.1	276.3	690.6	295.0	737.5
August	90.9	227.1	208.2	520.6	237.7	594.4
September	51.5	128.8	164.4	410.9	159.3	398.3
October	140.0	350.1	360.3	900.8	356.0	890.1
November <sup>b</sup>	32.4	81.0	66.2	165.5	0.0 <sup>d</sup>	0.0

<sup>a</sup> Traffic counters only recorded data for the last six days of April 2021.

<sup>b</sup> Traffic counters only recorded data through November 10, 2021.

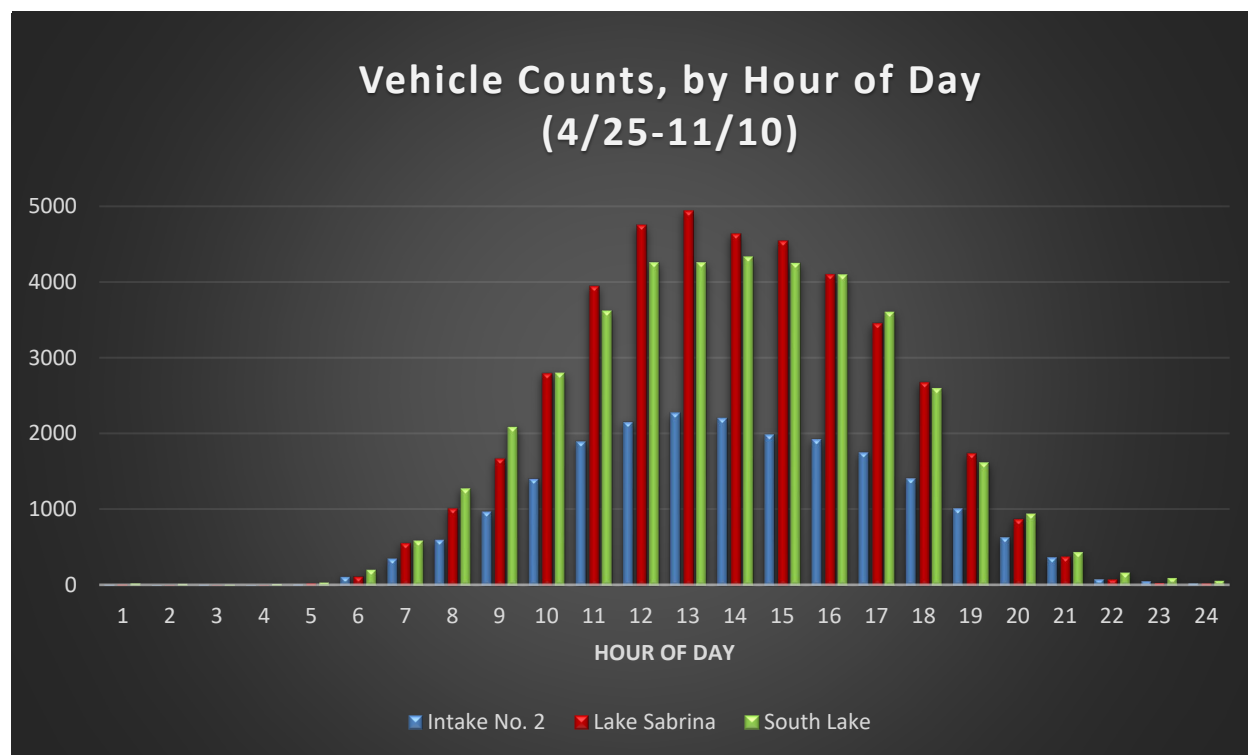
<sup>c</sup> South Lake Road was closed from April 24 to May 4, 2021, due to road damage and repairs.

<sup>d</sup> South Lake Road was closed from October 25 to November 10, 2021, due to inclement weather.



**Figure 6.3-3 Daily Vehicle Averages by Month**





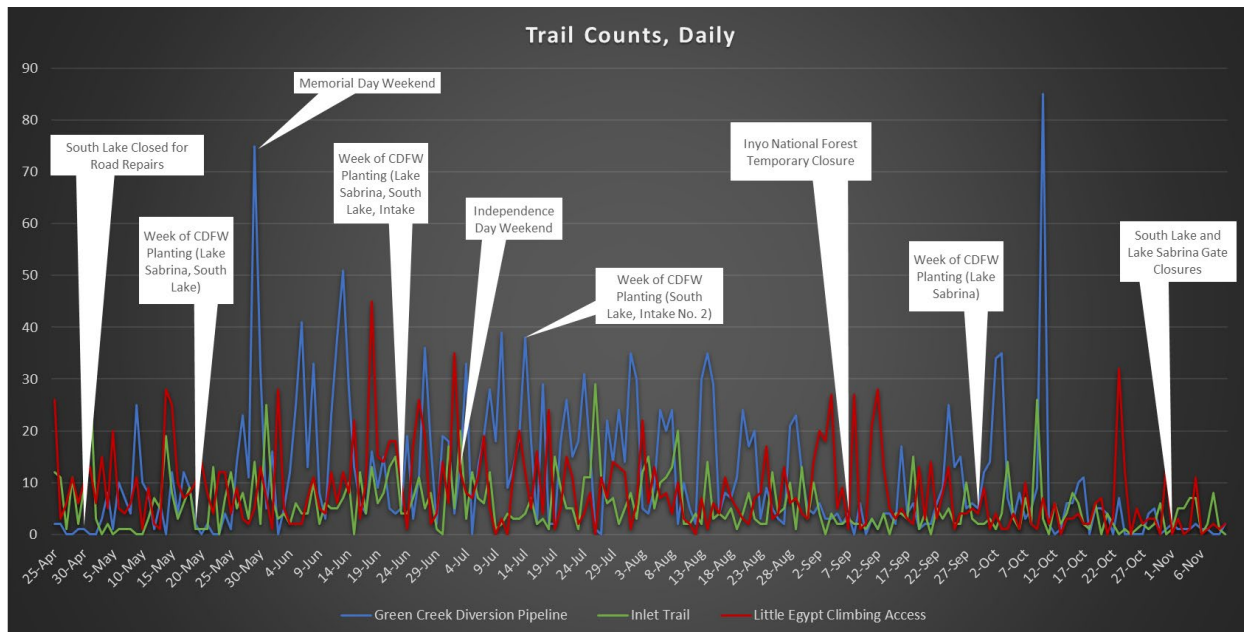
**Figure 6.3-4 Total Vehicle Counts, by Hour of Day**

### 6.4 TRAIL COUNTERS

As noted in Table 6.1-1, many notable events occurred during the study season that resulted in restricted access to the study area. Most notably, gate and forest closures due to weather, fire activity, and road construction led to multiple days where South Lake, Lake Sabrina, and Intake No. 2 were closed to the public. Figure 6.4-1 provides a graphical representation of the total daily trail counts and notable events that occurred during the study season that may have influenced user activity. Since each of the installed trail counters captured different types of users – climbers for Little Egypt, anglers for Inlet Trail, and hikers for Green Creek diversion pipeline – the data does not always align and is affected differently by the events noted. For example, during the INF temporary closure, use at Inlet Trail and Green Creek diversion pipeline dropped, although both could still be accessed by walking from the gate or accessing the pipeline from other USFS trails, respectively. Use at Little Egypt climbing area, however, increased, since access to this area is outside of the INF, and presumably the area was used as an alternative to climbing areas within the forest where access was prohibited.

Somewhat consistent peaks are associated with weekend use throughout the study season, with more pronounced peak use during holiday weekends. Very high usage – slightly higher than Memorial Day Weekend – is noted along Green Creek diversion pipeline during October compared to the months prior, presumably in response to prolonged closure of the area. Usage troughs are largely associated with weekend days,

as well as periods of no user activity where access was precluded by forest and gate closures due to fire response, inclement weather, and road damage.



**Figure 6.4-1 Total Trail Counts, Daily**

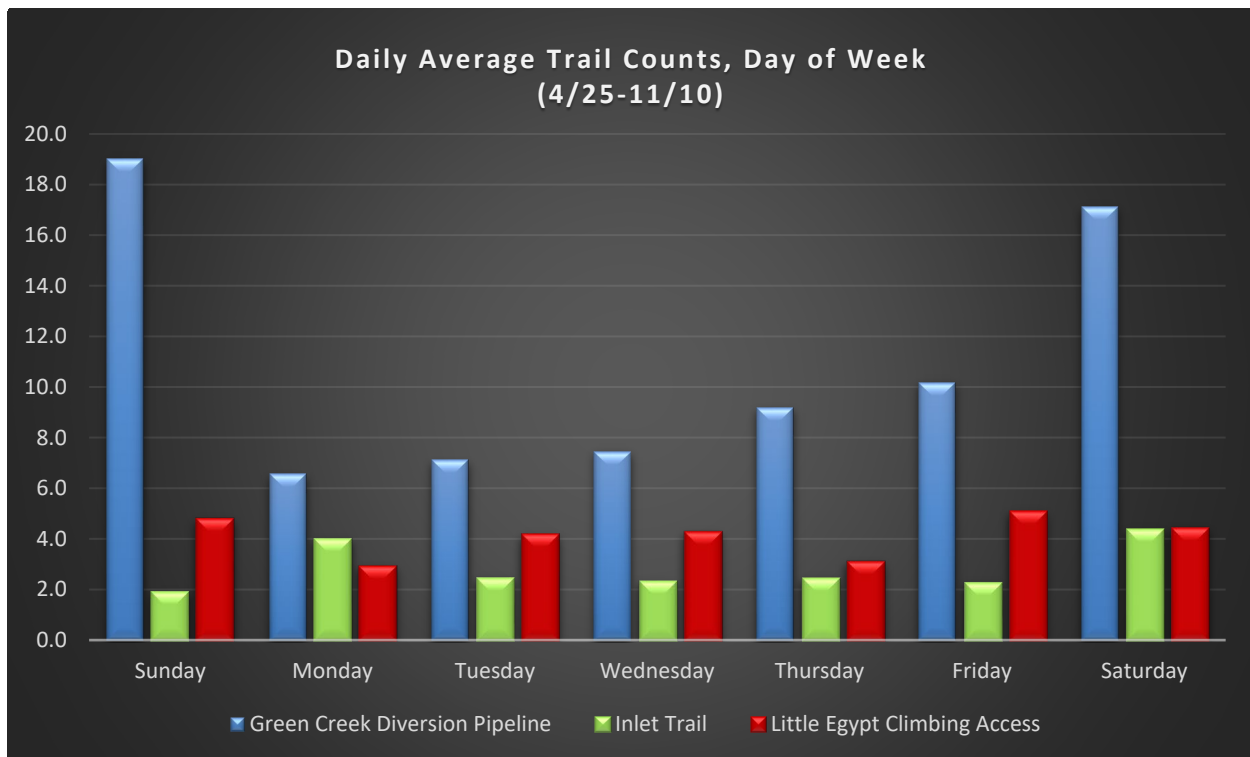
Table 6.4-21 describes the average number of hikers detected on each trail by day of the week. On average, an estimated 38.2 (Green Creek diversion pipeline), 19.5 (inlet trail), and 28.6 (Little Egypt) hikers used the trails **each week** during this period. Use along Green Creek diversion pipeline appears to be most active on the weekend days of Saturday (17.1 average users) and Sundays (19.0 average users). Use of the inlet trail, which is largely used to hike to the inlet at the south end of the lake for fishing, is a bit more sporadic, showing highest average daily usage on Mondays (7.9 average users) and Saturdays (8.6 average users). Access to Little Egypt climbing area is busiest on weekends, specifically Fridays (10.1 average users), and Sundays (9.8 average users).

As shown in Table 6.4-22, daily averages along the Green Creek diversion pipeline tend to increase during summer months and taper off in September. Unlike Green Creek diversion pipeline, use of which is largely driven by hiking conditions, use at both inlet trail (anglers) and Little Egypt climbing access (climbers) are relatively consistent throughout the recreation season.

Figure 6.4-4 provides total hiker counts by hour of the day. These counts include all activity, both incoming and outgoing, to provide a representative view of traffic throughout the day. Green Creek diversion pipeline and inlet trail show steady use increasing in the morning, peaking mid-day, and receding late afternoon. Access to Little Egypt climbing area is more sporadic, with use during late night and early morning hours, most likely due to climbers either attempting to set up early to climb before the day heats up, or climbing in the evening until the sun goes down before leaving the site.

**Table 6.4-21 Average Trail Users by Day of the Week**

Day of Week	Green Creek Diversion Pipeline	Inlet Trail	Little Egypt Climbing Access
Sunday	19.0	1.9	4.8
Monday	6.6	3.9	2.9
Tuesday	7.1	2.4	4.2
Wednesday	7.4	2.3	4.2
Thursday	9.2	2.4	3.1
Friday	10.2	2.2	5.1
Saturday	17.1	4.3	4.4



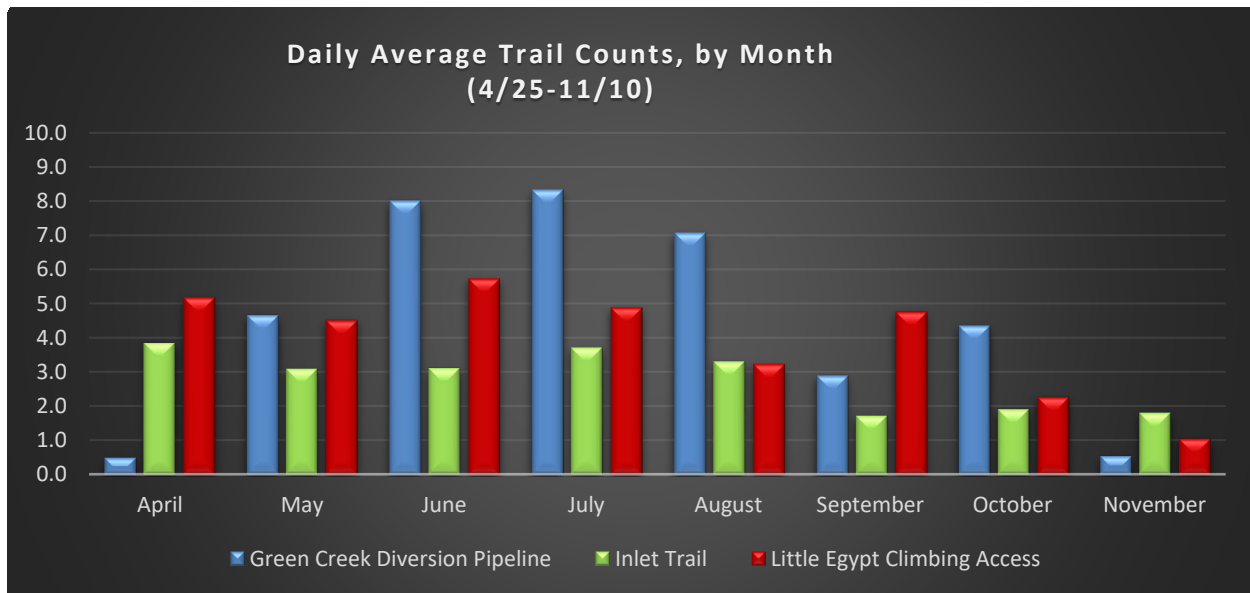
**Figure 6.4-2 Daily Average Trail Counts by Day of the Week**

**Table 6.4-22 Daily Average Trail Counts and Estimated Users, by Month**

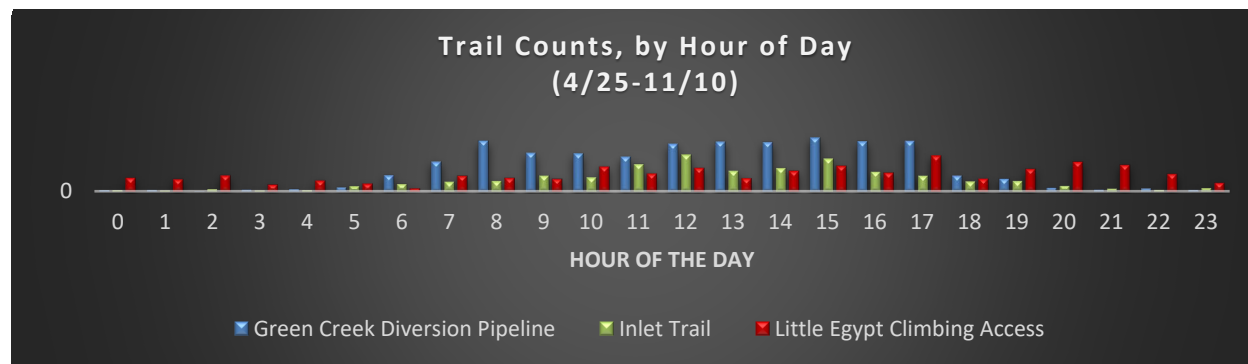
Month	Green Creek Diversion Pipeline	Inlet Trail	Little Egypt Climbing Access
April <sup>a</sup>	0.5	3.8	5.2
May	4.7	3.1	4.5
June	8.0	3.1	5.7
July	8.3	3.7	4.9
August	7.1	3.3	3.2
September	2.9	1.7	4.8
October	4.4	1.9	2.3
November	0.6	1.8	1.1

<sup>a</sup> Traffic counters only recorded data for the last six days of April 2021.

<sup>b</sup> Traffic counters only recorded data through November 10, 2021.



**Figure 6.4-3 Daily Average Trail Counts by Month**



**Figure 6.4-4 Total Trail Counts by Hour of Day**

## 6.5 SPOT COUNTS

Spot counts were conducted at each recreation area (South Lake, Lake Sabrina, and Intake No. 2) according to the survey areas delineated on Figure 6.5-1 through Figure 6.5-4. During angler surveys, spot counts were collected for anglers adjacent to the creek that runs alongside that campground (Figure 6.5-4). For each spot count, an attempt was made to distinguish between general recreators (day users), anglers, and any on-water activities. More importantly, the number of vehicles and vehicles with trailers were noted for each parking lot at the time of the spot count, which will be compared to the total number of parking spots available to estimate capacity utilization at each site.

Table 6.5-23 summarizes average spot counts for vehicles, vehicles with trailers, day users, and anglers for each of the identified sub locations. For each category, averages for the entire study season as well as averages for peak weekend days were provided. Due to forest closures during Labor Day weekend, spot counts on peak weekend days consisted only of May 29 (Memorial Day weekend) and July 3 (Independence Day weekend). Table 6.5-24 analyzes spot count data in relation to parking lot capacities at the Bishop Creek reservoirs, as well as the overnight parking lot for Sabrina wilderness users located along CA 168 at the intersection of North Lake Road. When comparing spot counts throughout the entire study season, all parking areas are under capacity, although South Lake’s upper parking lot, used mostly for overnight parking for wilderness users, averages 88 percent capacity. North Lake Road overnight parking, intended to be used by overnight wilderness users at Lake Sabrina, is far under capacity at an average of 8 percent throughout the study season. When analyzing peak weekend days, four parking areas exceed their capacity, often meaning that recreators are parking in areas not intended for vehicle parking. These four are Lake Sabrina roadside parking (123 percent), South Lake upper parking lot (103 percent), South Lake launching pier/restroom parking lot (119 percent), and South Lake boat launch parking (127 percent).

**Table 6.5-23 Spot Count Averages**

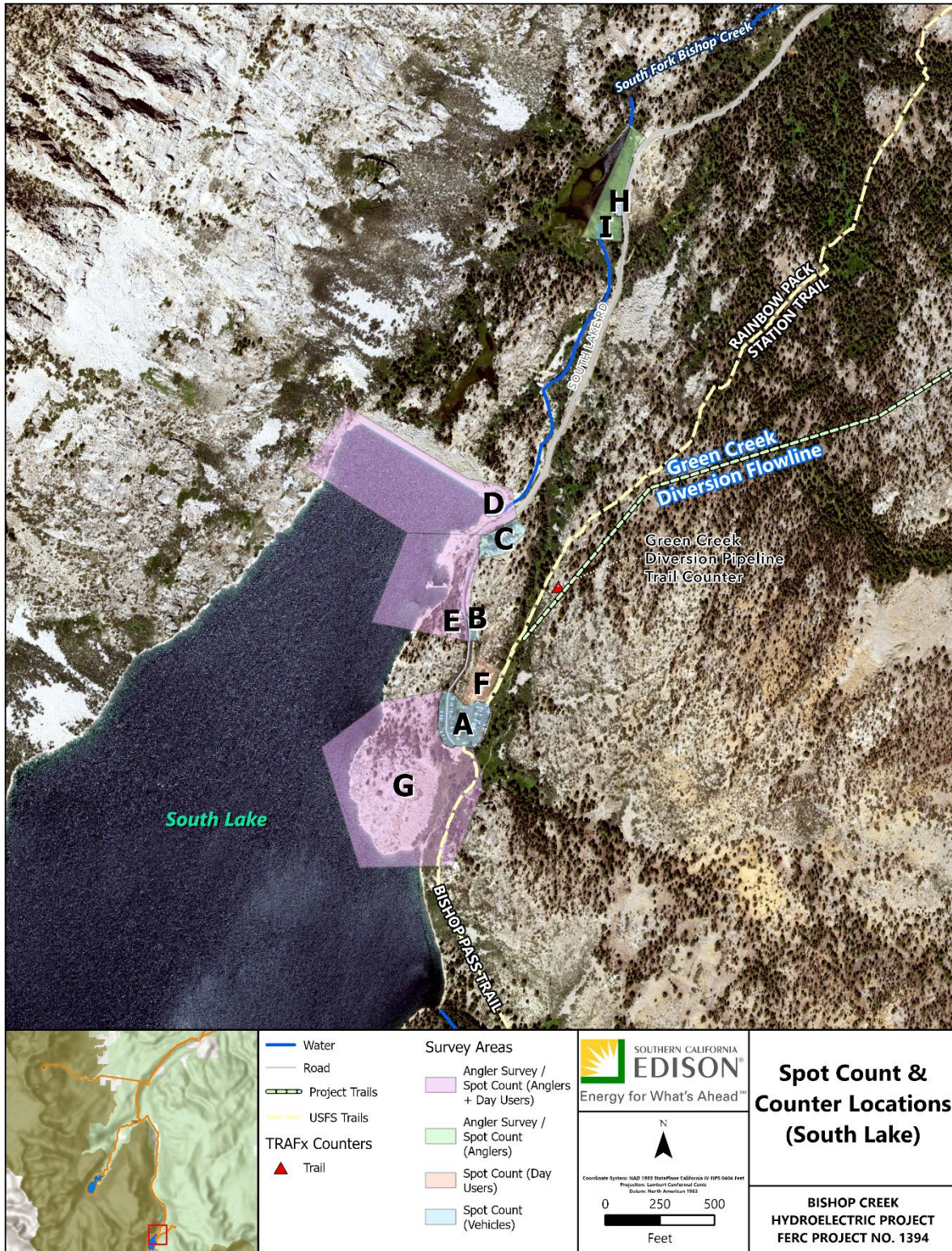
Location	Observation Site		Vehicle Counts		Trailer Counts		Day User Counts		Angler Counts	
	Sub Group	Description	All	Peak	All	Peak	All	Peak	All	Peak
Intake No. 2	A	Day use parking lot	8.6	16.0	0.0	0.0	n/a	n/a	n/a	n/a
Intake No. 2	B	Lower Intake 2 parking lot	2.8	5.5	0.0	0.0	n/a	n/a	n/a	n/a
Intake No. 2	C	Eastern Shoreline	n/a	n/a	n/a	n/a	n/a	n/a	10.7	19.0
Intake No. 2	D	Northern shoreline	n/a	n/a	n/a	n/a	0.7	2.5	1.4	3.5
Intake No. 2	E	Western shoreline	n/a	n/a	n/a	n/a	n/a	n/a	3.1	11.5
Intake No. 2	G	Intake No. 2 Dam	n/a	n/a	n/a	n/a	n/a	n/a	3.7	9.0
Lake Sabrina	A	Roadside parking	11.9	37.0	0.0	0.0	n/a	n/a	n/a	n/a
Lake Sabrina	B	Lower parking lot	5.1	11.5	0.0	0.0	n/a	n/a	n/a	n/a
Lake Sabrina	C	Upper parking lot	16.5	25.0	0.3	0.5	n/a	n/a	n/a	n/a
Lake Sabrina	D	Shoreline west of dam	n/a	n/a	n/a	n/a	6.3	7.5	10.6	40.0
Lake Sabrina	E	Sabrina Dam	n/a	n/a	n/a	n/a	3.7	6.5	1.8	5.5
Lake Sabrina	F	Creek below Sabrina Dam	n/a	n/a	n/a	n/a	n/a	n/a	1.7	6.5
Lake Sabrina	G	Weir	n/a	n/a	n/a	n/a	1.3	1.0	2.3	10.0
North Lake Road Overnight Parking		Overnight parking for Sabrina TH	5.6	9.0	0.0	0.0	n/a	n/a	n/a	n/a
South Lake	A	Upper parking lot	75.4	89.0	0.1	0.5	n/a	n/a	n/a	n/a
South Lake	B	Launching pier/restroom parking lot	5.8	9.5	0.0	0.0	n/a	n/a	n/a	n/a
South Lake	C	Boat launch parking	7.6	19.0	0.1	0.0	n/a	n/a	n/a	n/a
South Lake	D	Hillside Dam/Spillway	n/a	n/a	n/a	n/a	0.8	5.0	0.5	0.0
South Lake	E	Eastern shoreline/boat ramp	n/a	n/a	n/a	n/a	0.6	1.0	1.1	1.5

Location	Observation Site		Vehicle Counts		Trailer Counts		Day User Counts		Angler Counts	
	Sub Group	Description	All	Peak	All	Peak	All	Peak	All	Peak
South Lake	F	Picnic tables at upper parking lot	n/a	n/a	n/a	n/a	0.2	0.0	n/a	n/a
South Lake	G	Cove near Bishop Pass Trailhead	n/a	n/a	n/a	n/a	1.5	10.5	1.7	3.0
South Lake	H/I	Weir Lake & parking lot	1.8	3.0	0.0	0.0	1.4	3.0	0.5	0.0
Big Trees Campground	A	Along creek	n/a	n/a	n/a	n/a	n/a	n/a	0.5	0.5
Forks Campground	A	Along creek	n/a	n/a	n/a	n/a	n/a	n/a	0.1	0.5
Four Jeffrey Campground	A	Along creek	n/a	n/a	n/a	n/a	n/a	n/a	0.4	2.5

<sup>a</sup>Due to forest closures during Labor Day weekend, spot counts on peak days consisted only of May 29 (Memorial Day Weekend) and July 3 (Independence Day weekend).

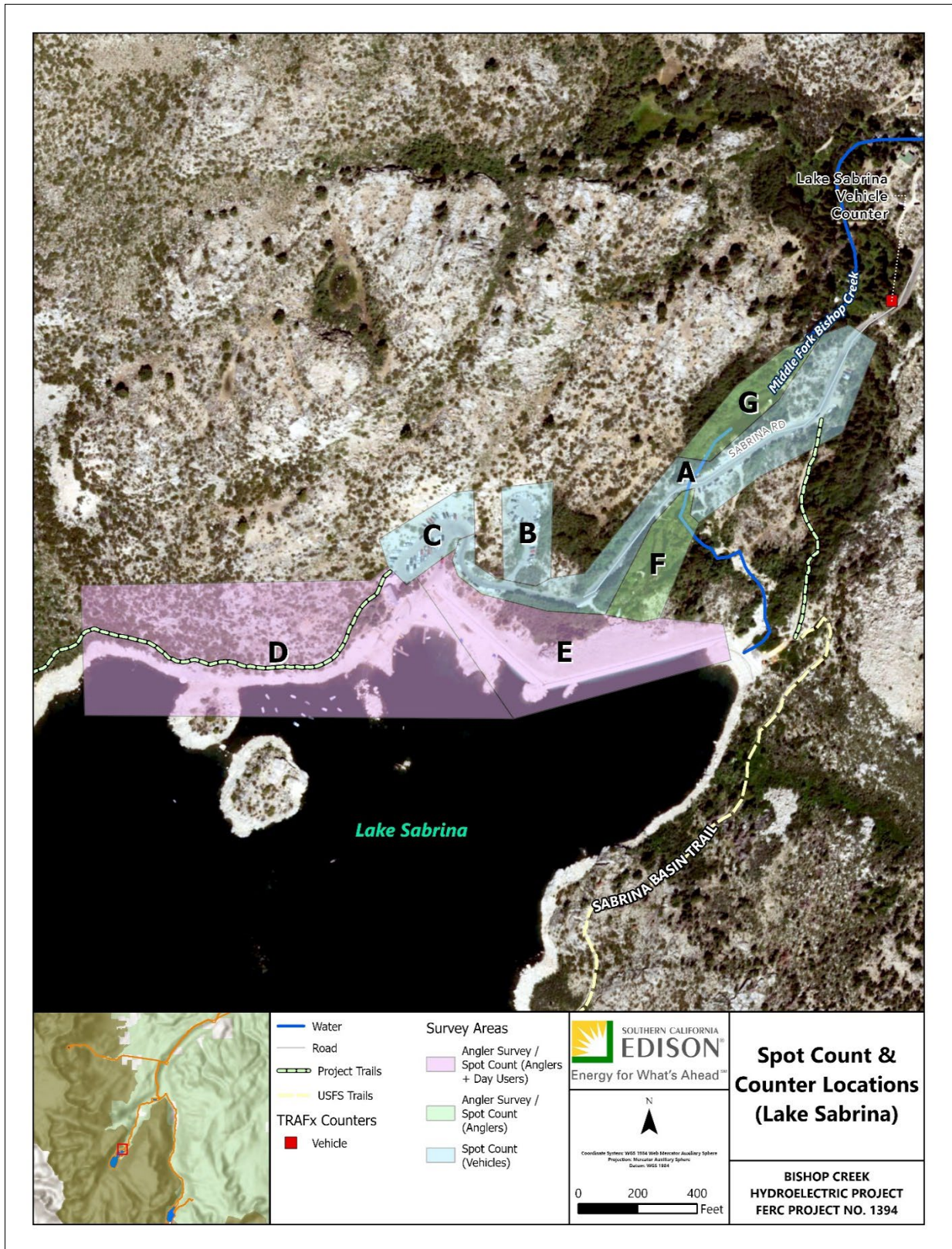
**Table 6.5-24 Capacity Utilization at Parking Areas**

Location	Observation Site		Vehicle Counts		Parking Capacity	Capacity Utilization	
	Sub Group	Description	All	Peak		All	Peak
Intake No. 2	A	Day use parking lot	8.6	16.0	20.0	43%	80%
Intake No. 2	B	Lower Intake 2 parking lot	2.8	5.5	12.0	24%	46%
Lake Sabrina	A	Roadside parking	11.9	37.0	30.0	40%	123%
Lake Sabrina	B	Lower parking lot	5.1	11.5	24.0	21%	48%
Lake Sabrina	C	Upper parking lot	16.5	25.0	36.0	46%	69%
North Lake Road Overnight Parking	n/a	Overnight parking for Sabrina TH	5.6	9.0	70.0	8%	13%
South Lake	A	Upper parking lot	75.4	89.0	86.0	88%	103%
South Lake	B	Launching pier/restroom parking lot	5.8	9.5	8.0	73%	119%
South Lake	C	Boat launch parking	7.6	19.0	15.0	50%	127%
South Lake	H/I	Weir Lake & parking lot	1.8	3.0	5.0	37%	60%

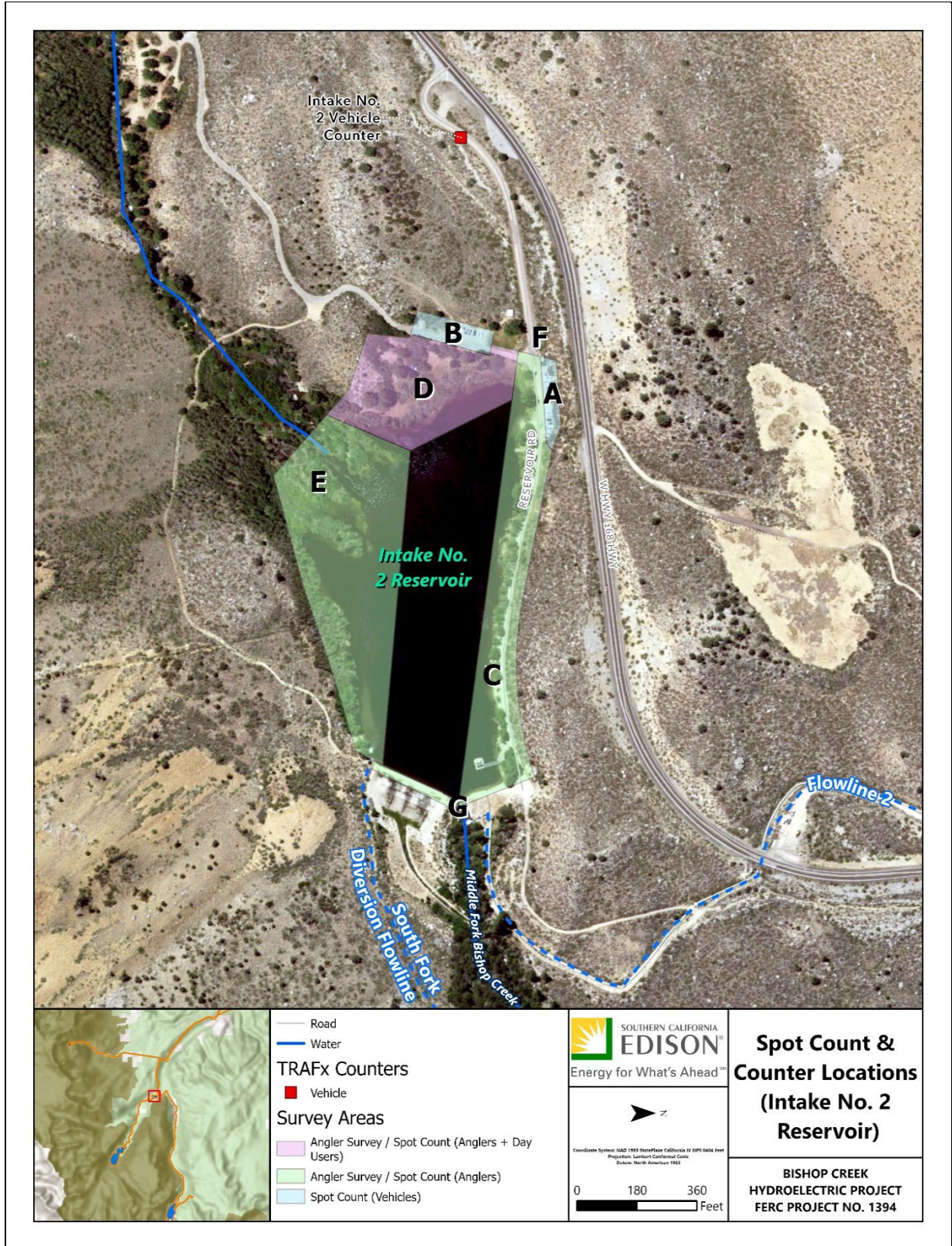


**Figure 6.5-1 Spot Count and Counter Locations at South Lake**





**Figure 6.5-2 Spot Count and Counter Locations at Lake Sabrina**



**Figure 6.5-3 Spot Count and Counter Locations at Intake No. 2 Reservoir**

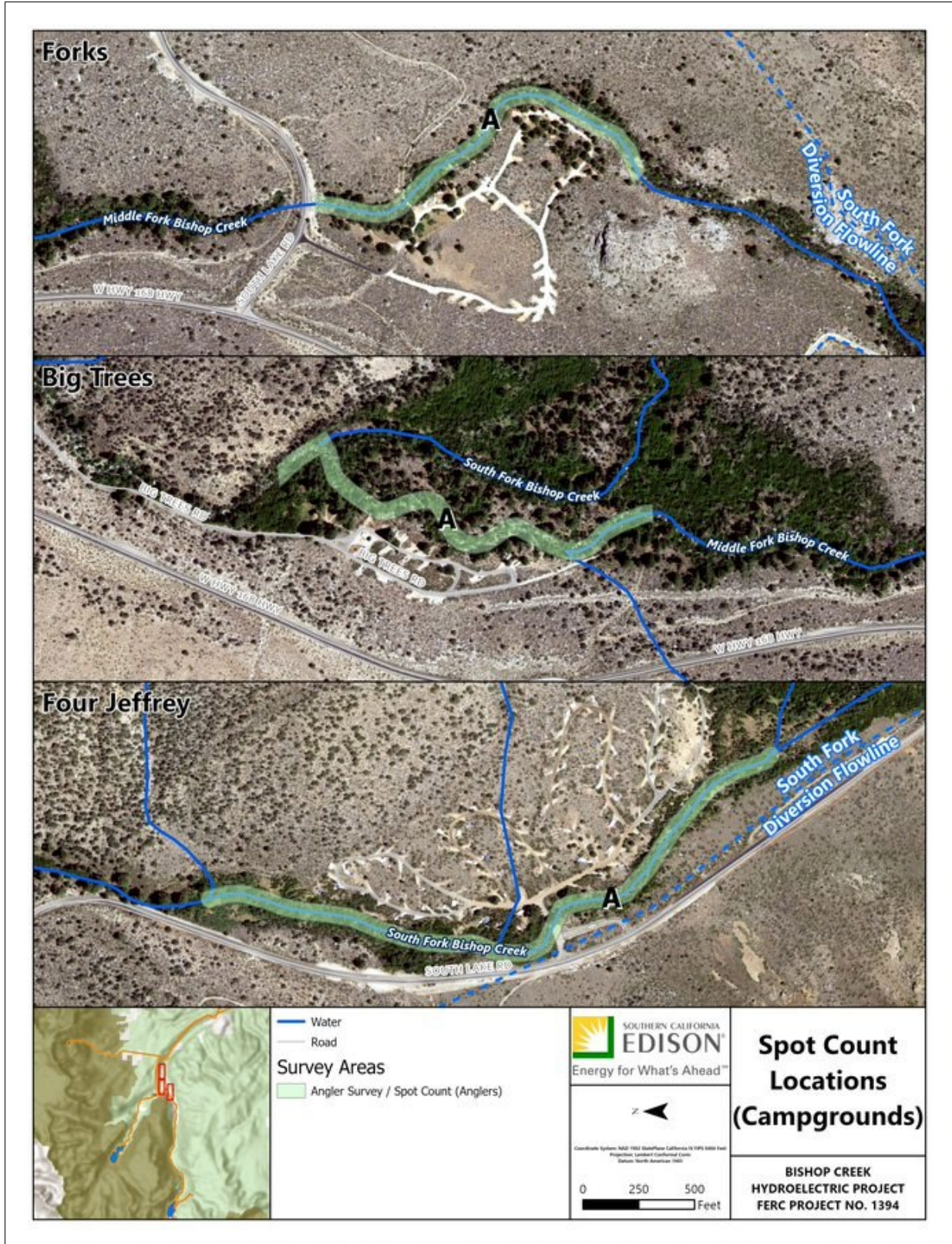


Figure 6.5-4 Angler Survey Locations at Campgrounds

## 6.6 ANGLER SURVEYS

Beginning Memorial Day weekend, angler surveys were initiated at the three recreation areas (Lake Sabrina, South Lake, and Intake No. 2) as well as three campgrounds at the request of CDFW (Forks, Four Jeffrey, and Big Trees). The data discussed below compiles all angler surveys from Memorial Day 2021 weekend through August 29, 2021 a total of 19 survey days<sup>6</sup>. During this time, 178 in-person angler surveys were completed (0 at Forks Campground; 1 at Four Jeffrey Campground; 2 at Big Trees Campground; 79 at Intake No. 2; 75 at Lake Sabrina; and 21 at South Lake). The tables and figures below provide a summary of self-reported angler survey data collected during the field season. Of the 178 surveys conducted, the average number of anglers in each group was 3.7. Surveys conducted and average group size by location are provided in Table 6.6-25.

**Table 6.6-25 Surveys by Location and Average Anglers per Group**

	Forks	Four Jeffrey	Big Trees	Intake No. 2	Lake Sabrina	South Lake
Surveys Conducted	0	1.0	2.0	79.0	75.0	21.0
Average Anglers Per Group	0	3.0	2.0	3.7	3.7	3.6

Of the anglers surveyed, 78 percent of respondents indicated they were recreating in the area with the primary purpose of fishing, and 86.5 percent of the respondents noted they also fished other nearby locations. The nearby locations noted by those anglers is listed in Table 6.6-26.

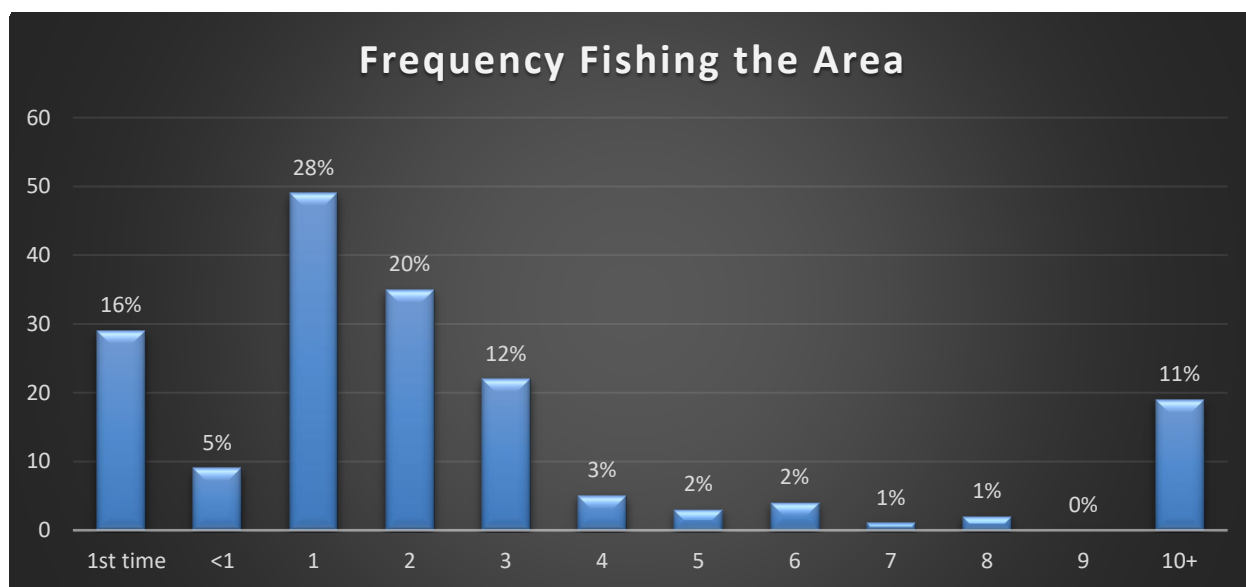
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<sup>6</sup> One survey day (June 20, 2021) was missed during this period due to staff illness, and a second survey day (September 5, 2021) was missed due to temporary closure of the Inyo National Forest.

**Table 6.6-26 Nearby Locations also Fished by Angler Survey Respondents**

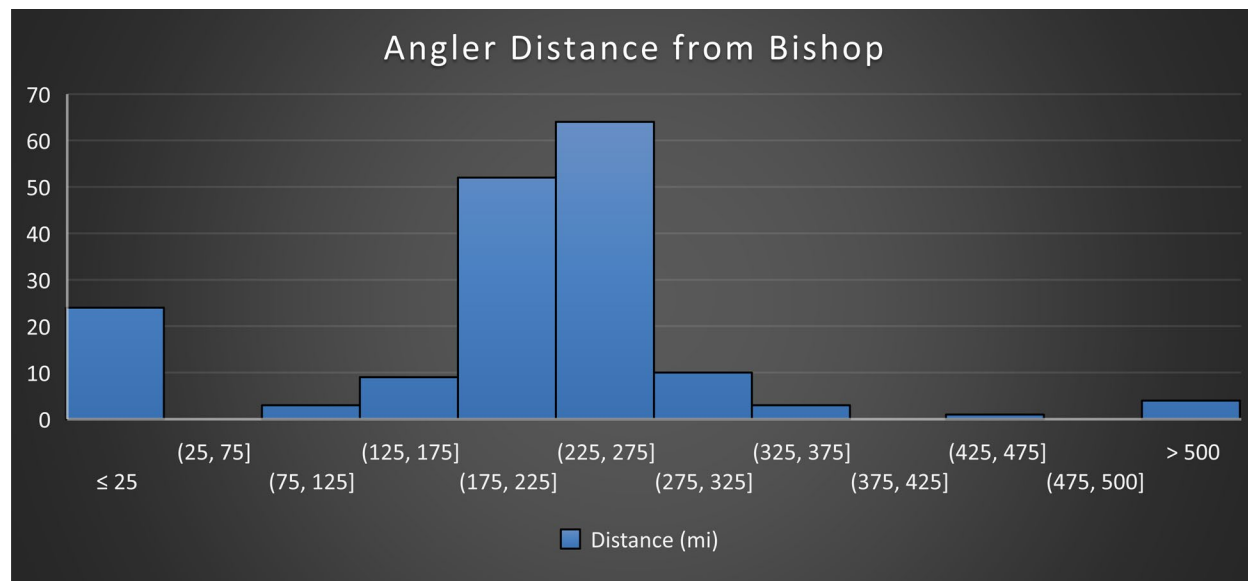
Aspendell	Forks Campground	North Lake
Bakers Creek	Four Jeffrey Campground	Owens River
Big Creek	Indian Creek	Pleasant valley Reservoir
Big Pine Lakes	Intake No. 2	Power Plants
Bishop Canals	June Lake	Rock Creek
Bishop Creeks	Kodiak Lake	Rock Lake
Bishop River	Lake Mary	Saunders Pond
Bitterbrush Campground	Lake Sabrina	South Lake
Bridgeport	Lee Vining	Summer Lake
Buckley Lake	Lone Pine Creek	Taboose Creek
Campgrounds	Long Lake	Tahoe
Cardinal Valley	Lower / Upper Hot Creek	Treasure Lake
Convict Lake	Lower Owens	Tuttle Creek
Creeks	Mammoth Lakes	Twin Lake
Crowley	Mosquito flats	Weir Lake

Anglers were asked how frequently they fished in the Bishop Creek reservoirs area; responses are summarized in Figure 6.6-1. Most respondents indicated that they either fish the area once a year (28 percent), twice a year (20 percent), this is the first time they have fished the area (16 percent), three times a year (12 percent), or 10+ times a year (11 percent). Frequencies of less than once a year captures those that visit the area every other year or at other irregular intervals. Anglers fishing the area 10 or more times in a year include those who reported visiting multiple times a week for the fishing season.



**Figure 6.6-1 Annual Frequency of Anglers Fishing in the Area**

Anglers surveyed provided their home ZIP code to understand the primary residence and how far the anglers were traveling to get to the recreation area. Of those surveyed, 160 anglers provided California ZIP codes (90.0 percent). As shown in Figure 6.6-2, most respondents live between 175 and 275 miles from Bishop, California, in areas such as Los Angeles, Lake Tahoe/Reno, San Francisco, or Sacramento.



Note: Distances are based on angler’s zip codes

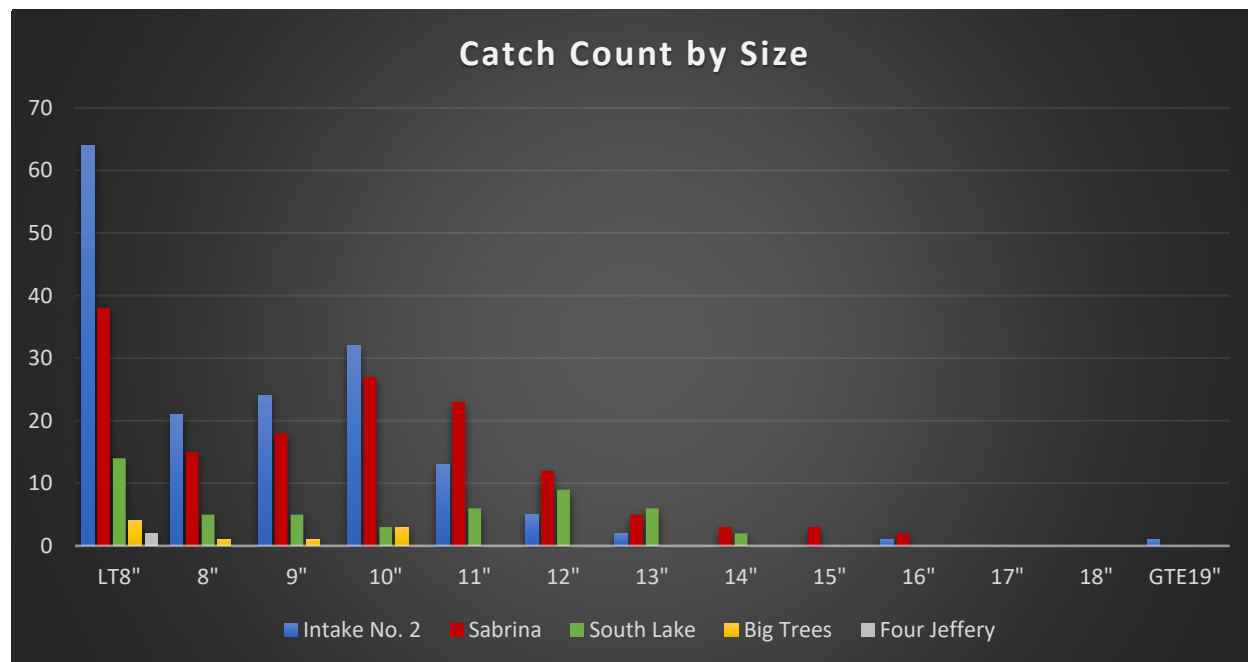
**Figure 6.6-2 Distance of Angler’s Home from Bishop, CA**

Anglers self-reported counts and lengths of fish caught during the time of the interview, as summarized in Table 6.6-27 and Figure 6.6-3 below. Most fish reported by respondents were 10 inches or smaller in total length.

**Table 6.6-27 Total Counts of Reported Length of Fish**

Location	<8” <sup>a</sup>	8”	9”	10”	11”	12”	13”	14”	15”	16”	17”	18”	>19”
Intake No. 2	64	21	24	32	13	5	2	0	0	1	0	0	1
Sabrina	38	15	18	27	23	12	5	3	3	2	0	0	0
South Lake	14	5	5	3	6	9	6	2	0	0	0	0	0
Big Trees	4	1	1	3	0	0	0	0	0	0	0	0	0
Four Jeffrey	2	0	0	0	0	0	0	0	0	0	0	0	0

<sup>a</sup> Lengths are self-reported by anglers in the field. Assumption for this data is total length of fish.



**Figure 6.6-3 Catch Count by Size**

Respondents were asked to estimate the total amount of time they have or would spend fishing that day. Using these values, a metric of fish per effort-hour was calculated to be approximately 0.5 fish per hour of effort spent fishing or catching one fish every other hour.

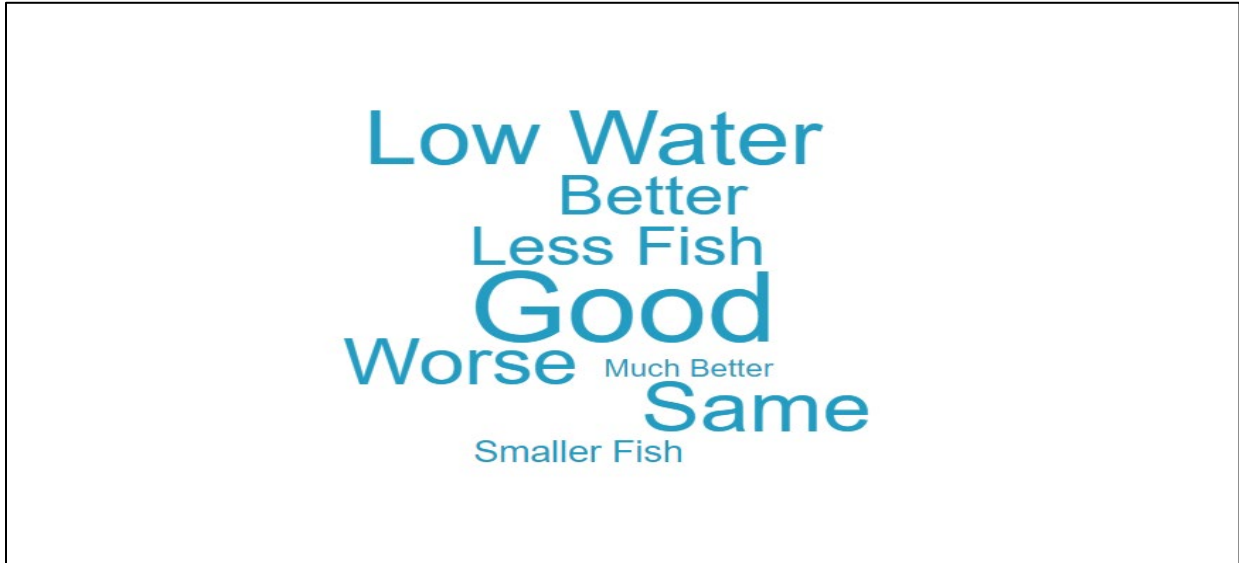
**Table 6.6-28 Estimate of Fish per Effort-Hour**

Location	Hours Spent Fishing <sup>a</sup>	Total Fish Caught	Fish Per Effort-Hour
Four Jeffrey	3.25	2	0.62
Big Trees	16.00	9	0.56
Forks <sup>b</sup>	n/a	n/a	n/a
Intake No. 2	316.78	163	0.51
Lake Sabrina	302.10	146	0.48
South Lake	91.25	50	0.55

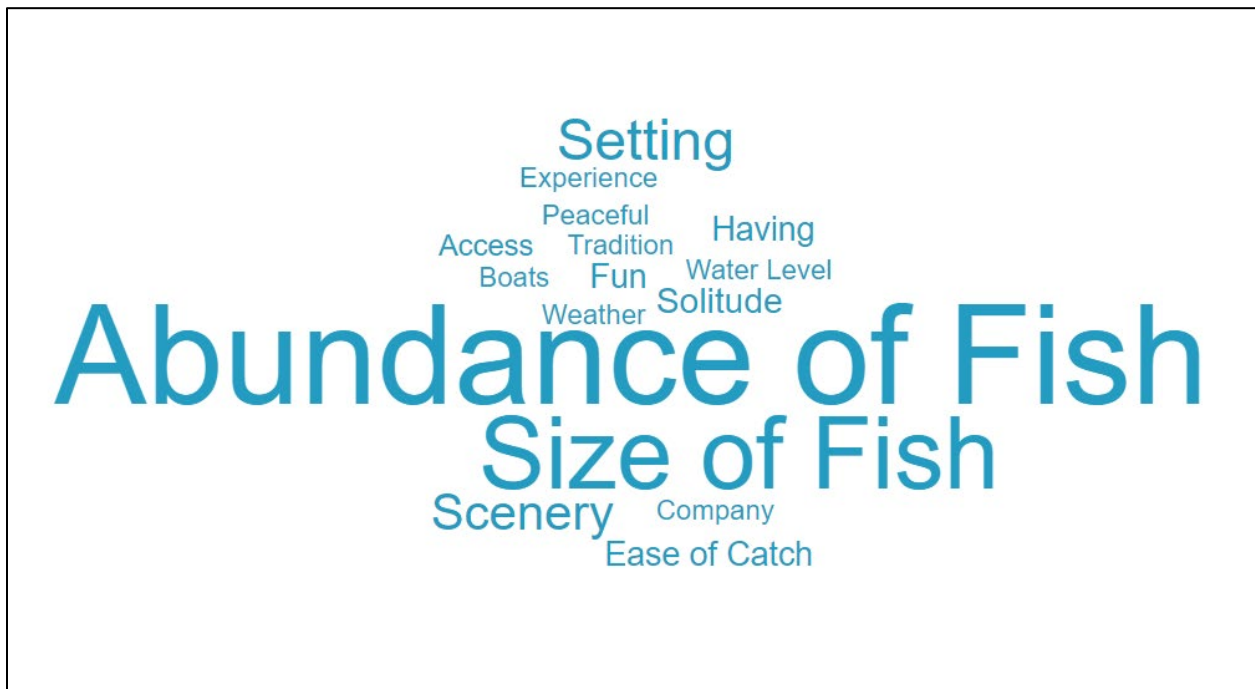
<sup>a</sup> Time represents self-reported time spent fishing by anglers interviewed. As such, times were reported to be inaccurate (e.g., reporting total time at recreation site rather than time spent only fishing).

<sup>b</sup> No anglers were available for survey during site visits.

Anglers were surveyed on how the overall quality of fishing at these locations compared to past experiences at same location and how they defined the quality of fishing. Responses were grouped by common responses and are visualized as Word clouds in Figure 6.6-4 and Figure 6.6-5. Note that the size of the response word indicates the frequency of response.



**Figure 6.6-4 Word Cloud for Responses to the Question: How does overall fishing quality here compare to past experiences here?**



**Figure 6.6-5 Word Cloud for Responses to the Question: How do you define quality of fishing?**



## 7.0 INYO NATIONAL FOREST – NATIONAL VISITOR USE MONITORING REPORT (FISCAL YEAR 2016 DATA)

The NVUM has two goals: 1) to produce estimates of the volume of recreation visitation to national forests and grasslands, and 2) to produce descriptive information about that visitation, including activity participation, demographics, visit duration, measures of satisfaction, and trip spending connected to the visit (USFS 2018). The most recent visitor use report for the INF was updated on January 21, 2018, and summarizes data collected during fiscal year 2016. The following is a summary of results of that report.

Total visits to the INF<sup>7</sup> in fiscal year 2016 are estimated at 2,309,000 individuals. Many people frequent more than one site during their visit, so estimates are further broken down by site visits, totaling 4,624,000 visits<sup>8</sup>. The most frequented site or area associated with the INF is day use developed (2,608,000 visits), followed by overnight use developed (876,000 visits), general forest area (850,000 visits), and designated wilderness (290,000 visits). Site visits are further broken down by each activity in which the individual participated during that visit. The most common activities selected by survey participants were viewing natural features, hiking/walking, relaxing, downhill skiing, viewing wildlife, and driving for pleasure. The most commonly chosen main activity by survey participants was downhill skiing, followed by hiking/walking, viewing natural features and bicycling. A complete list of activity participation results is provided in Table 7.1-1.

Demographic data indicates that that 89.3 percent of visitors are White, followed Hispanic/Latino (9.5 percent), Asian (9.1 percent), Black/African American (2.6 percent), American Indian/Alaska Native (2.5 percent), and Hawaiian/Pacific Islander (1.7 percent)<sup>9</sup>. Age distribution estimates 17 percent of visitors are children under the age of 16, and 23 percent are over the age of 60. Most visitors, an estimated 74.4 percent, live more than 200 miles from the forest, and only 18 percent live within a 50-mile proximity.

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<sup>7</sup> The 2018 NVUM Report defines a National Forest Visit as the entry of one person upon a national forest to participate in recreation activities for an unspecified time. A national forest visit can be composed of multiple site visits. The visit ends when the person leaves the national forest to spend the night somewhere else.

<sup>8</sup> The 2018 NVUM Report defines a site visit as the entry of one person onto a National Forest site or area to participate in recreation activities for an unspecified period of time. The site visit ends when the person leaves the site or area for the last time on that day.

<sup>9</sup> Respondents could choose more than one racial group, so the total may be more than 100%.

**Table 7.1-1 Activity Participation Results**

<b>Activity</b>	<b>% Participation</b>	<b>% Main Activity</b>
Viewing Natural Features	45.3	8.5
Hiking / Walking	44.2	16.3
Relaxing	34.8	4.6
Downhill Skiing	34.1	32.3
Viewing Wildlife	30.3	0.6
Driving for Pleasure	23.6	1.8
Bicycling	11.9	8.2
Visiting Historic Sites	11.7	0.6
Developed Camping	11.6	3.6
Nature Center Activities	11.2	0.7
Fishing	11	5.8
Picnicking	8.6	0.4
Nature Study	7.8	0.3
Resort Use	7.8	0
Cross-country Skiing	6.8	5.5
Some Other Activity	6.6	4.9
Backpacking	4.9	2.2
Other Non-motorized	3.8	0.3
OHV Use	2.9	0.4
Primitive Camping	2.9	0.2
Motorized Trail Activity	2.7	0.4
Non-motorized Water	2.1	0.5
Gathering Forest Products	1.7	0
Other Motorized Activity	1	0.8
Hunting	0.6	0.5
Horseback Riding	0.6	0.2
Motorized Water Activities	0.4	0.1
No Activity Reported	0.3	0.6

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<b>Activity</b>	<b>% Participation</b>	<b>% Main Activity</b>
Snowmobiling	0.3	0

Source: USFS 2018

## 8.0 FUTURE RECREATION USE

The Land Management Plan for the INF (USDA 2020) outlined proposed and possible actions to help maintain existing conditions or achieve desired conditions in the INF over the next 10 to 15 years (although some goals may not be achieved for several decades), including a discussion on sustainable recreation. Currently, the desired conditions and management approaches include considering changes in visitor use levels, patterns of use, and generally ensuring that the available infrastructure and amenities are consistent with user capacity and needs.

The Land Management Plan specifies that a goal for the INF is to “modify existing recreation facilities and develop new facilities to accommodate a diversity of...preferred activities of current populations who would benefit from recreational opportunities” (USDA 2019). Additionally, several of the proposed and possible actions listed for the INF involve the completion of deferred maintenance, and/or improvement of existing amenities, which could increase use of recreation amenities (USDA 2020).

The California Department of Finance’s Demographic Research Unit produces projections of population through the year 2060 with components of change, births, and public school enrollment at the state and county level (CDF 2021). Since, according to web-based survey results, the majority of recreators at the Bishop Creek reservoirs are from Inyo and Los Angeles counties, projections of population increase for these two counties are examined below. As shown in Table 8.1-2, projections into 2060 for Inyo and Los Angeles counties estimate population loss in both counties. However, there is an expected population increase of 8.4 percent within California state.

**Table 8.1-1 Population Estimates Through 2060**

		California	Inyo County	Los Angeles County
2025	Population	40,808,001	18,055	10,258,572
2030	Population	41,860,549	18,020	10,322,678
	% Change	2.6%	-0.2%	0.6%
2035	Population	42,718,403	17,864	10,331,803
	% Change	4.7%	-1.1%	0.7%
2040	Population	43,353,414	17,552	10,286,350
	% Change	6.2%	-2.8%	0.3%
2045	Population	43,785,947	17,204	10,193,978
	% Change	7.3%	-4.7%	-0.6%
2050	Population	44,049,015	16,671	10,061,774
	% Change	7.9%	-7.7%	-1.9%
2055	Population	44,176,739	16,112	9,891,603
	% Change	8.3%	-10.8%	-3.6%
2060	Population	44,228,057	15,653	9,697,634
	% Change	8.4%	-13.3%	-5.5%

SOURCE: CDF 2021

### 8.1 CALIFORNIA STATEWIDE COMPREHENSIVE OUTDOOR RECREATION PLAN AND RELATED REPORTS

According to the California Department of Parks and Recreation (CDPR), the California SCORP “sets grant priorities for outdoor recreation access in California for the next five years” and the 2021-2025 edition “empowers local communities to create, expand, and improve close-to-home parks for all Californians” (CDPR 2021). While the 2021-2025 California SCORP does not offer specific data regarding current and future recreation needs, it did identify five priorities based on key findings from 37 focus groups who shared their vision for parks and recreation:

- New park access
- Multi-use parks designed for all age groups in new or existing parks
- Health design goals for new or existing parks
- Safety and beautification for new or existing parks
- Preservation (place outdoor open space land under protection for public recreation)

As well as identified four keys to increase healthy park use:

- Provide access to a park
- Consider design
- Offer programs
- Market to the community

The following reports were essential elements used in the 2021-2025 SCORP development that may provide information relevant to the Bishop Creek area:

- Vision for Park Equity 2000-2020: Transforming Park Access with Data and Technology (CDPR 2020a)
- Designing Parks Using Community-Based Planning – Methods from California’s Statewide Park Development and Community Revitalization Program Outdoor Recreation in California’s Regions (CDPR 2020b)

The following general findings may be important in addressing current and future recreation needs in the Bishop Creek Area (CDPR 2020a):

- By number, parks in California are mostly owned by city (9000), special district (1700) and county agencies (1200).
- By acres, parks and open spaces in California are mainly owned by federal (43,700,000) and state agencies (1,990,000).
- Over 61 percent of Californians live in census tracts with less than 3 acres of parkland per 1,000 residents.
- Nearly 8 million people, 21 percent of Californians, have no park within a half mile of their homes.
- Land acquisition and construction prices have increased by approximately \$1,500,000 per project site over the past decade from 2010 to 2020.
- Based on current projections, for each \$600 million investment, an additional 1 million Californians would have new or expanded park access within a half mile of their neighborhoods.

## 9.0 RECREATION NEEDS ASSESSMENT

Based on the results of the REC 1 study, a few major themes have emerged related to recreation needs at the Bishop Creek Project:

- Survey respondents indicated that existing facilities were generally in average condition, which aligns with the REC 2 report that found most site elements at the reservoirs to be in working condition but in need of maintenance, repair, or upgrade.
- Day use facilities at the reservoirs were generally perceived to be crowded, especially at Intake No. 2 Reservoir with the most common survey response of Always Crowded (33.6 percent), with 96.8 percent of all responses between Sometimes Crowded and Always Crowded.
- While the number of most existing facilities was found to be about right, respondents indicated that parking facilities, trailer parking, and fish cleaning stations are too few. Respondents were also very unsatisfied with existing boat trailer parking.
- Besides boat trailer parking, general parking is an issue throughout the study area. According to spot counts throughout the entire study season, all parking areas are under capacity except South Lake's upper parking lot, which is reserved mostly for overnight parking for wilderness users and averaged 88 percent capacity. When analyzing peak weekend days, however, four parking areas exceed their capacity. As a result, recreators are frequently parking in areas not intended for vehicle parking. These four include: Lake Sabrina roadside parking (123 percent capacity), South Lake upper parking lot (103 percent), South Lake launching pier/restroom parking lot (119 percent), and South Lake boat launch parking (127 percent). Exceedance of capacity at Sabrina roadside parking, as indicated by many open-ended responses, may be a result of overnight wilderness users parking as close to the Sabrina Basin Trailhead rather than parking further down the road at the designated overnight parking area (North Lake Road overnight parking) where capacity utilization only reached 13 percent on peak weekend days. Users specifically noted that conflicting overnight/day use/trailer parking at South Lake and Lake Sabrina was an issue.
- 64.9 percent of survey respondents expressed that they would utilize overnight facilities at the Bishop Creek reservoirs if they were available.
- As also noted in the REC 2 report and corroborated with trail counter data in this REC 1 report, informal use of certain trails – Green Creek Diversion Pipeline, Inlet Trail, and access to Little Egypt climbing area – is commonplace and may warrant action to either preclude or formalize the use, depending on management objectives.

## 10.0 CONSULTATION SUMMARY

SCE distributed periodic progress reports on the following schedule:

- Progress Report 1: December 19, 2019
- Progress Report 2: April 14, 2020
- Progress Report 3: July 24, 2020
- Initial Study Report (Progress Report 4): October 30, 2020
- Initial Study Meeting: November 10, 2020
- Progress Report 1: March 2, 2021
- Progress Report 2: May 28, 2021
- Progress Report 3: August 27, 2021
- Updated Study Report Filing: November 4, 2021
- Updated Study Report Meeting: November 18, 2021

The Initial Study Report (ISR) was filed with FERC on October 30, 2020 and a virtual ISR meeting was held on November 10, 2020. Three progress reports were filed in 2021 after the October 2020 ISR, as noted above.

SCE held a Bishop Creek Project Effects meeting on October 28, 2021 for all stakeholders and agencies to discuss the possible project effects (if any) were identified through the implementation of each of the approved study plans.

The Updated Study Report (USR) was filed with FERC on November 4, 2021, and a USR meeting was held on November 18, 2021. At this meeting, SCE only discussed those studies which were still in progress at the time of the ISR (Water Quality, Sediment and Geomorphology, Operations Model, Recreation Use and Needs, Recreation Facilities Condition Assessment, Project Lands and Boundary, and Cultural and Tribal Studies). Comments received at this meeting regarding the Recreation Use and Needs Study are included in Table 10.1-1. A brief memo on results to date was submitted to agencies and stakeholders for a 60-day review period on November 5, 2021, following filing of the USR.

A meeting was held with USFS on December 7, 2021, to discuss comments received on the REC 1 report as well as SCE's draft responses.

A summary of correspondence since the Revised Study Plans were filed for REC 1 and REC 2 study plans are provided in Table 10-1.2.



**Table 10.1-1 Comment Response Table**

<b>Comment No.</b>	<b>Study</b>	<b>Date of Comment</b>	<b>Entity</b>	<b>Comments</b>	<b>SCE Response</b>
1	REC 1, Updated Study Report/Meeting Comments	December 3, 2021	SWRCB	I know climbing is one of the recreation uses; are there other climbing areas within the Project area besides Little Egypt	There are no climbing areas within the Project boundary, as most of the climbing near the Project is at higher elevations and within the John Muir Wilderness. Access to Little Egypt climbing area was included in recreation studies because SCE's Plant 3 parking facilities have been used by climbers to informally access the area. Data collected will be used to determine how to potentially manage or preclude this issue.
2	REC 1, Updated Study Report/Meeting Comments	December 3, 2021	SWRCB	Why didn't you break out climbing specifically in your recreation analysis?	A summary of climbing activity in the Project area was included in the PAD, though there were no data gaps identified that warranted a more detailed study of climbing use in the area.
3	REC 1, Updated Study Report/Meeting Comments	December 3, 2021	USFS	Was there a decision not to include off-highway vehicles (OHVs) as part of the study?  <b>Updated Response from USFS:</b> USFS considers all Level 2 roads for OHV use. Sand Canyon and Coyote Road receive a lot of OHV use.	No data gaps related to OHV use were identified in the development of study plans. Once the initial inventory of Project Roads is provided for discussion, we would appreciate USFS feedback on which of those roads have issues with OHV use.  Since the filing of the DLA, SCE has not identified, nor has the USFS provided, any additional information that would warrant inclusion of OHV management in the Recreation Resource Management Plan.

**Table 10-1.2 Consultation Since Filing of Revised Study Plans (REC 1 and REC 2)**

Date of Consultation	Entities Involved	Description
09/30/2019 (Email to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Email in preparation of an October 30 conference call providing a tentative agenda to discuss two goals of continued consultation: (1) develop and finalize both on-site and off-site survey instruments and methods; and (2) determine an appropriate frequency of summer and winter general recreation surveys that would provide a statistically supported assessment of average use and adequate qualitative feedback regarding user perceptions and experience at each site.
10/28/2019 (Email and Memo to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Email in preparation of a November 7 conference call (moved from October 30). Memo proposing an appropriate frequency of summer and winter general recreation surveys that would provide a statistically supported assessment of average use and adequate qualitative feedback regarding user perceptions and experience at each site.
11/07/2019 (Conference Call with USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Conference call to discuss an appropriate frequency of summer and winter general recreation surveys that would provide a statistically supported assessment of average use and adequate qualitative feedback regarding user perceptions and experience at each site. Many changes to study plans discussed as detailed in a 12/10/2019 memo.
12/10/2019 (Email, Memo, Survey Instrument, and Meeting Notes to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt	Email to schedule an upcoming call and provide a draft revised recreation survey instrument, meeting notes from 11/7/2019, and a memo regarding survey frequency, schedule, and instruments based on the previous conversation.

Date of Consultation	Entities Involved	Description
	Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	
01/08/2020 (Email, Survey, and Conference Call with USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Email providing revised general recreation survey instrument for discussion. Conference call to discuss survey frequency, schedule, and instruments based on the previous conversation. USFS provided news of a recent development in the Bishop Creek area – construction activity along South Lake Road – that would negatively affect the scheduled activities for the 2020 recreation season, most notably user counts and surveys.
01/14/2020 (Email and Memo to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenze, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Email providing memo regarding 1/8/2020 conference call. General recreation survey instrument finalized. Revisions to survey frequency and implementation schedule based on discussion, including altering of schedule based on news of South Lake Road construction that would negatively affect the scheduled activities for the 2020 recreation season, most notably user counts and surveys.
01/15/2020 (Conference Call with USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenze, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Conference call discussing whether, despite road construction, both on-site and off-site surveys should be considered for both the 2020 and 2021 recreation seasons. SCE believed that on-site recreation use surveys and counts in 2020 would not provide a representative sample of use, given this major disruption to recreational access to one of the three major recreation areas (South Lake, Lake Sabrina, and Intake No. 2 recreation areas). The likelihood of skewed data would make determination of Project-related effects and identification of appropriate protection, mitigation, and enhancement measures difficult. Therefore, SCE proposed to move the relicensing recreation use surveys and counts to 2021 and will assist the USFS in the development off-site surveys (supplemental data) requested by the USFS in late 2019.

Date of Consultation	Entities Involved	Description
01/15/2020 (Email and Survey to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Follow up to conference call providing Word version of the provided survey instrument so that the USFS may mark it up in tracked changes.
01/22/2020 (Email and Memo to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Email providing a memo discussing a revised implementation schedule and proposed roles and responsibilities regarding off-site surveys, which will then be discussed on an upcoming January 23, 2020 conference call.
01/23/2020 (Conference Call with USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Phillip Desenzo, USFS Nora Gamino, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Conference call discussing 1/22/2020 memo.
01/23/2020 (Follow-Up Email with USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE	Follow up email providing a Word version of the same survey instrument so that USFS could provide edits in tracked changes.

Date of Consultation	Entities Involved	Description
	Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	
02/06/2020 (Email and Memo to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Email providing memo regarding 1/23/2020 discussion.
02/06/2020 (Email and Survey to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Email providing a Spanish version of the approved on-site recreation survey instrument.
03/13/2020 (Conference Call with USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Email
03/25/2020	Tristan Leong, USFS	Email from USFS regarding staff unavailability due to COVID-19 response.

Date of Consultation	Entities Involved	Description
(Email from USFS)	Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	
04/04/2020 (Conference Call with USFS and Survey Comments from USFS)	Tristan Leong, USFS Sheila Irons, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Call to discuss off-site recreation survey and comments provided by the USFS.
05/13/2020 (Email and Survey to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Incorporation of USFS comments and porting of off-site survey into a web-based format.
05/13/2020 (Conference Call with USFS)	Tristan Leong, USFS Sheila Irons, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Discussion of web-based survey to be used off-site.

Date of Consultation	Entities Involved	Description
05/13/2020 (Follow-Up Email and Survey to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Incorporation of USFS comments during 5/13/2020 call and redistribution.
05/13/2020 (Email to USFS)	Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Matthew Harper, Kleinschmidt	Email regarding upcoming REC 2 fieldwork.
05/26/2020 (Email to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Follow-up with revised link to most recent web-based, off-site survey.
05/27/2020 (Conference Call and Survey with USFS)	Tristan Leong, USFS Sheila Irons, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Discussion of most recent version of web-based, off-site survey.
07/07/2020 (Email to USFS)	Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Matthew Harper, Kleinschmidt	Email regarding upcoming REC 2 fieldwork and requesting conference call.

Date of Consultation	Entities Involved	Description
	Bryan Cole, MacKay Sposito	
07/09/2020 (Conference Call with USFS)	Tristan Leong, USFS Sheila Irons, USFS Matthew Harper, Kleinschmidt	Discussion of most recent version of web-based, off-site survey.
07/21/2020 (Emails with USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Follow-up with revised link to most recent web-based, off-site survey. Concurrence emails from Tristan Leong, Diana Peitrasanta, and Phillip Desenzo. Follow up with final link to live survey to be embedded on USFS and SCE websites.
07/07/2020 (Emails with USFS)	Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Matthew Harper, Kleinschmidt	Emails regarding upcoming REC 2 fieldwork.
01/19/2021 (Conference Call with USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Discussion regarding the status of REC 1 activities. With REC 1 field work scheduled to begin April 2021 and significant unknowns associated with the COVID-19 pandemic, various options to delay scheduling or alter methods were discussed.
01/27/2021 (Email to USFS)	Nora Gamino, USFS Matthew Harper, Kleinschmidt	Email requesting past operation and maintenance cost data for use in an O&M Economics Assessment of the facilities associated with the three recreation areas.



Date of Consultation	Entities Involved	Description
01/28/2021 (Email from USFS)	Nora Gamino, USFS Matthew Harper, Kleinschmidt	Email suggesting reaching out to Adam Barnett stating that what past operation and maintenance data exists would not truly reflect actual costs due to a lack of funding in the area.
02/01/2021 (Emails with USFS)	Nora Gamino, USFS Adam Barnett, USFS Matthew Harper, Kleinschmidt	Emails discussing general breakdown of operational costs and identifying areas where detailed information may be provided.
02/09/2021 (Conference Call with USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	SCE proposed to move forward with data collection during the 2021 recreation season, intending to meet the same goals and objectives outlined in the REC 1 study plan. This would be accomplished largely by modifying methods of collecting qualitative data for recreation use and needs at the Project that were originally to be administered on-site.
03/12/2021 (Email to USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt Matthew Harper, Kleinschmidt	Email providing a memo with a summary of the proposed changes to REC 1 study methods.
03/15/2021 (Conference Call with USFS)	Tristan Leong, USFS Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Phillip Desenzo, USFS Matthew Woodhall, SCE Kelly Larimer, Kleinschmidt Finlay Anderson, Kleinschmidt	Discussion of 3/12/2021 proposal of changes to methods and agreement to move forward.

Date of Consultation	Entities Involved	Description
	Matthew Harper, Kleinschmidt	
07/09/2021 (Email to USFS)	Nora Gamino, USFS Adam Barnett, USFS Matthew Harper, Kleinschmidt	Follow up email regarding past operation and maintenance cost data.
09/30/2021 (Email to USFS)	Nora Gamino, USFS Adam Barnett, USFS Matthew Harper, Kleinschmidt	Follow up email regarding past operation and maintenance cost data.

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- California Department of Parks and Recreation (CDPR) 2020b. Designing Parks Using Community-Based Planning – Methods from California’s Statewide Park Development and Community Revitalization Program Outdoor Recreation in California’s Regions. California Department of Parks and Recreation, Sacramento, CA.
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- California Department of Finance (CDF). 2021. Demographic Research Unit. Report P-2A: Total Population Projections, California Counties, 2010-2060 (Baseline 2019 Population Projections; Vintage 2020 Release). Sacramento: California. July 2021.
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- U.S. Forest Service (USFS). 2011. Visitor Use Report, Inyo National Forest, USDA Forest Service, Region 5, National Visitor Use Monitoring Data collected FY 2011. United States Department of Agriculture.

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**APPENDIX A**  
**SURVEY QUESTIONS**

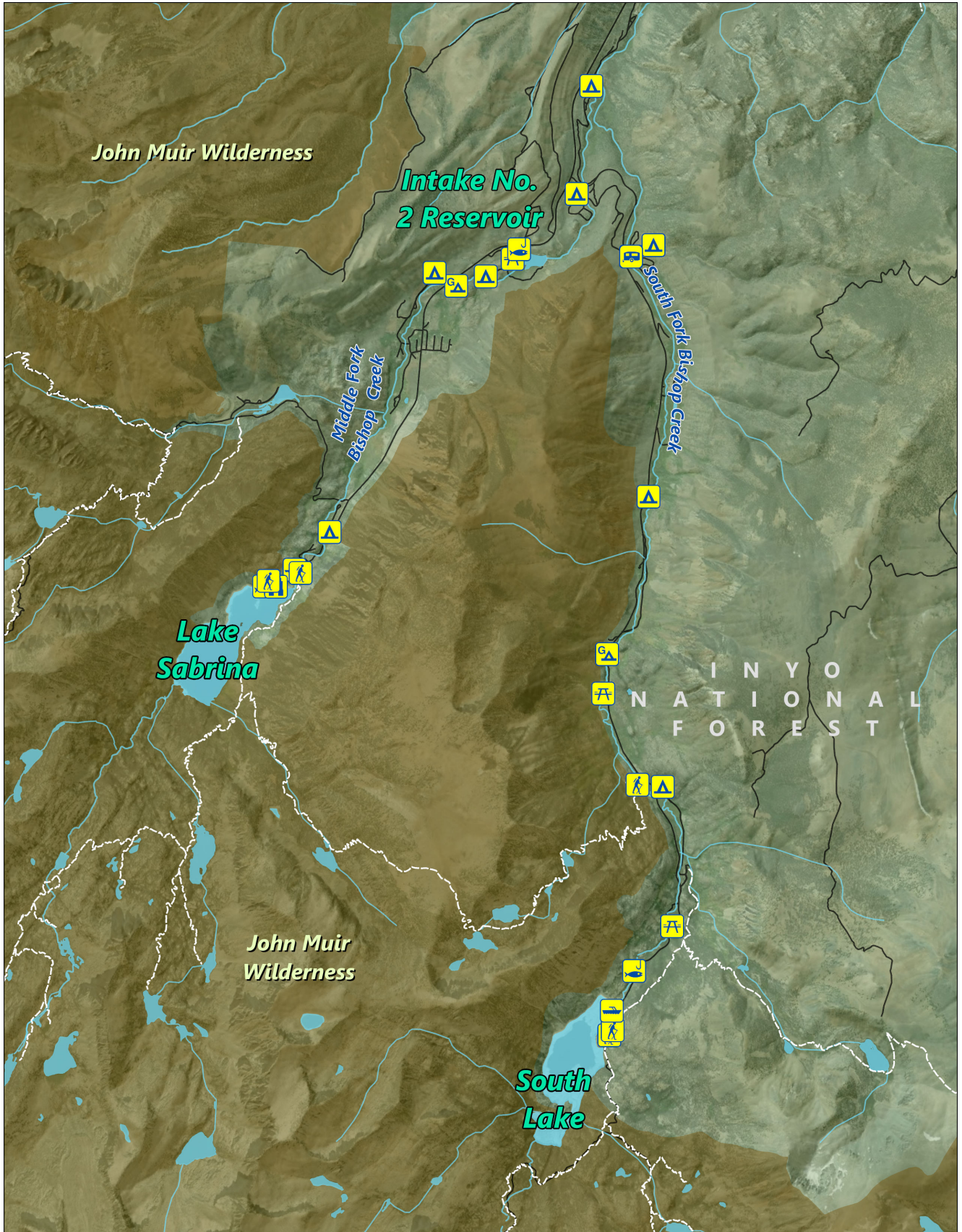
## **Bishop Creek Reservoirs: Recreational Use Survey**

### **Welcome to the recreational use survey for the Bishop Creek Hydroelectric Project.**

The purpose of this survey is to gather information about recreation opportunities related to the Bishop Creek Hydroelectric Project, specifically Lake Sabrina, South Lake, and Intake No. 2 Reservoir. Collectively, we will call these the "Bishop Creek Reservoirs". The information you provide will help guide current and future management of recreation opportunities, sites, and facilities for visitors to the Bishop Creek Reservoirs.

Please use the map and photos below to re-familiarize yourself with the each general recreation area before answering the survey questions, and feel free to encourage others to participate in this survey.

# Bishop Creek Reservoirs



# Lake Sabrina



A: Boat Launch & Marina



B: Sabrina Dam & Day Use Area



C: Sabrina Basin Trailhead

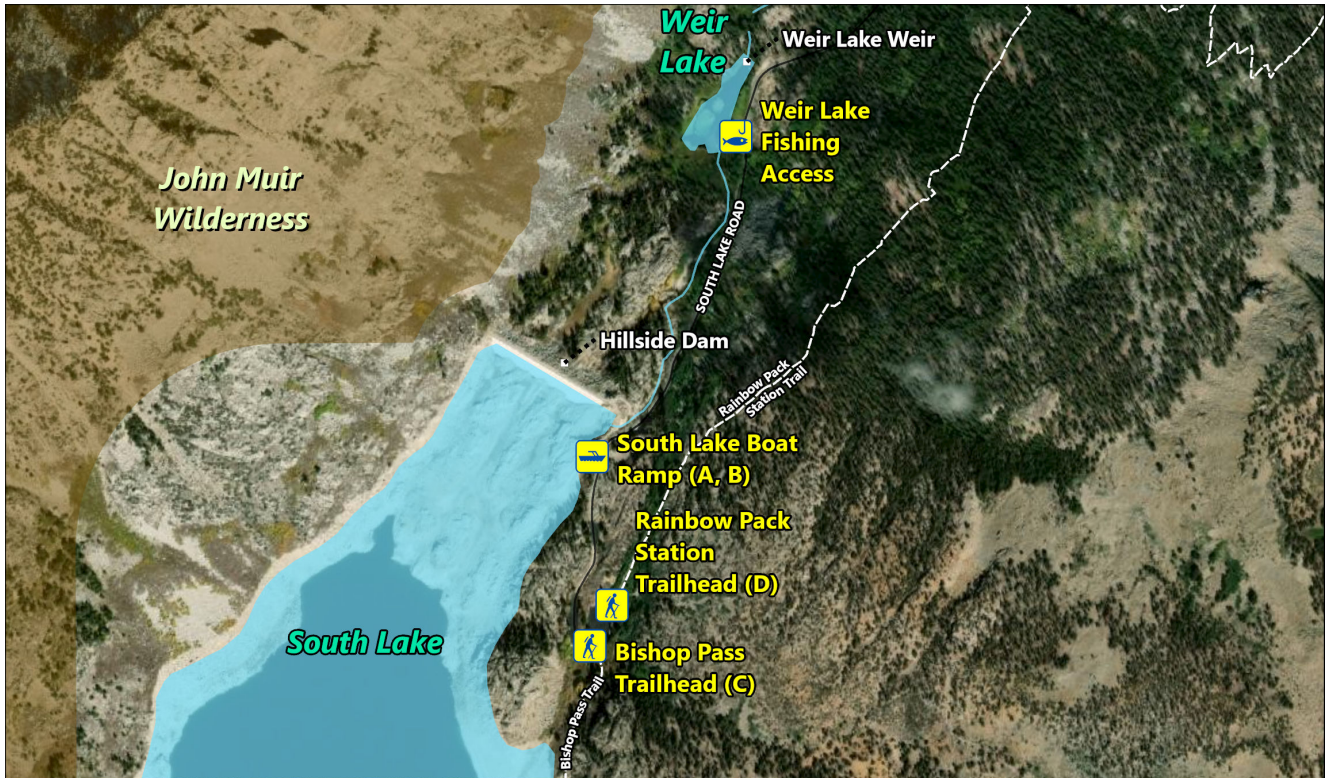


D: View of Sabrina Dam from Sabrina Basin Trail





# South Lake



*A: Parking for Boat Launch*



*B: Boat Launch & Marina*



*C: Restroom at Bishop Pass Trailhead*



*D: Day Use Area at Rainbow Pack Station Trailhead*



# Intake No. 2 Reservoir



## Bishop Creek Reservoirs: Recreational Use Survey

1. Please let us know how you heard about this survey.

- A flier or posting within the Inyo National Forest
- Forest Service Website
- Southern California Edison Website
- Social Media
- Other (please specify)

2. Would you please provide only the 5-digit zip-code of your primary residence.  
*[Note: No personal information is being sought; rather, SCE is seeking to understand the demographics of its current recreational users.]*

5-digit zip code if  
residing in the  
USA

Country for  
individuals  
residing outside  
the USA

3. Please provide the age of the individual completing this survey using the ranges provided below.

- Under 18
- 18-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65+

**\* 4. Have you ever recreated at the Bishop Creek Reservoirs?**

Yes

No

## Bishop Creek Reservoirs: Recreational Use Survey

5. When visiting the Bishop Creek Reservoirs, how many *people* are typically in your party?

1 People in Party 20+

6. How many *years* have you been visiting the Bishop Creek Reservoirs?

1 Years 40+

7. In general, how many *days per year* do you visit the Bishop Creek Reservoirs?

- 1 day
- 2 - 5 days
- 6 - 10 days
- 11 - 20 days
- 21 - 30 days
- 31 - 50 days
- more than 50 days

8. During which *months* do you typically visit the Bishop Creek Reservoirs? (Select all that apply)

- |                                   |                                 |                                    |
|-----------------------------------|---------------------------------|------------------------------------|
| <input type="checkbox"/> January  | <input type="checkbox"/> May    | <input type="checkbox"/> September |
| <input type="checkbox"/> February | <input type="checkbox"/> June   | <input type="checkbox"/> October   |
| <input type="checkbox"/> March    | <input type="checkbox"/> July   | <input type="checkbox"/> November  |
| <input type="checkbox"/> April    | <input type="checkbox"/> August | <input type="checkbox"/> December  |

9. What *day(s) of the week* do you typically visit the Bishop Creek Reservoirs? (Select all that apply)

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| <input type="checkbox"/> Monday    | <input type="checkbox"/> Friday   |
| <input type="checkbox"/> Tuesday   | <input type="checkbox"/> Saturday |
| <input type="checkbox"/> Wednesday | <input type="checkbox"/> Sunday   |
| <input type="checkbox"/> Thursday  |                                   |

10. What *time(s) of day* do you most like to visit the Bishop Creek Reservoirs? (Select all that apply)

- Before 8 AM
- 8 AM - 12 noon
- 12 noon - 4 PM
- 4 PM - 8 PM
- After 8 PM

11. On average, how long (*hours*) is a typical visit?

- less than 1 hour
- 1 - 2 hours
- 2 - 4 hours
- 4 - 8 hours
- greater than 8 hours

## Bishop Creek Reservoirs: Recreational Use Survey

12. The Inyo National Forest maintains a number of developed day use sites at each Bishop Creek Reservoirs recreation area. Using the map below, please indicate at which recreation area(s) you have recreated. (Select all that apply)

- Lake Sabrina Recreation Area
- South Lake Recreation Area
- Intake No. 2 Reservoir Recreation Area

13. What *type of recreational activities* do you pursue at the Bishop Creek Reservoirs? (Select all that apply)

- |  |   |
|--|---|
| <input type="checkbox"/> Bicycling to the reservoirs | <input type="checkbox"/> Picnicking       |
| <input type="checkbox"/> Camping                     | <input type="checkbox"/> Relaxing         |
| <input type="checkbox"/> Fishing                     | <input type="checkbox"/> Rock Climbing    |
| <input type="checkbox"/> Hiking/Trail Use            | <input type="checkbox"/> Scenic Driving   |
| <input type="checkbox"/> Boating (Motorized)         | <input type="checkbox"/> Viewing Scenery  |
| <input type="checkbox"/> Boating (Non-Motorized)     | <input type="checkbox"/> Viewing Wildlife |
| <input type="checkbox"/> Photography                 |   |

Other (please specify)

## Bishop Creek Reservoirs: Recreational Use Survey

### Day Use Facilities

14. For the recreation areas that have you used, how would you rate your overall *satisfaction* with the facilities at those day use sites? (Select all that apply)

	Not at All Satisfied	Slightly Satisfied	Neutral	Very Satisfied	Extremely Satisfied	N/A
Lake Sabrina Recreation Area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
South Lake Recreation Area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intake No. 2 Reservoir Recreation Area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

15. For the recreation areas that have you used, how would you rate the overall *condition* of the facilities at those day use sites? (Select all that apply)

	Poor	Average	Excellent	N/A
Lake Sabrina Recreation Area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
South Lake Recreation Area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intake No. 2 Reservoir Recreation Area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



16. In your experience, how would you rate the **number** of existing day use facilities at the Bishop Creek Reservoirs? (Select all that apply)

	Too Few		About Right		Too Many		N/A
Restrooms	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vehicle Parking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trailer Parking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Picnic or Day Use Areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Boat Launches	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public Docks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hiking Trails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Swim Areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Signage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fish Cleaning Stations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

17. In general, for your combined trips to **day use sites** at the Bishop Creek Reservoirs, how **crowded** do you feel at the following locations? (Rate one per row)

	Never Crowded		Sometimes Crowded		Always Crowded		N/A
Lake Sabrina Recreation Area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
South Lake Recreation Area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intake No. 2 Reservoir Recreation Area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**18. Please provide any additional detail on how we can improve day use opportunities at the Bishop Creek Reservoirs.**

## **Bishop Creek Reservoirs: Recreational Use Survey**

### **Fishing**

\* 19. Have you *fished or are you interested in fishing* at the Bishop Creek Reservoirs?

- I have fished at the Bishop Creek Reservoirs
- I wanted to fish at the Bishop Creek Reservoirs, but something prevented me from doing so
- I have no desire to fish at the Bishop Creek Reservoirs

## Bishop Creek Reservoirs: Recreational Use Survey

### Fishing

20. Which of the following describes *what prevented you* from fishing at the Bishop Creek Reservoirs? (Select all that apply)

- Facilities are too crowded
- Insufficient opportunities and accessibility
- Condition of facilities or access points are not well maintained
- Boat rental fees are too high
- Other (please specify)

21. Please provide any additional detail on how we can improve fishing opportunities at the Bishop Creek Reservoirs.

## Bishop Creek Reservoirs: Recreational Use Survey

### Fishing

22. Where do you typically spend your time fishing at the Bishop Creek Reservoirs? (Select all that apply)

Lake Sabrina

Intake No. 2 Reservoir

South Lake

North Fork Bishop Creek

Weir Lake

South Fork Bishop Creek

Other (please specify)

23. In general, for your combined fishing trips to the Bishop Creek Reservoirs, how *crowded* do you feel at the following locations? (Rate one per row)

	Never Crowded		Sometimes Crowded		Always Crowded	N/A
Lake Sabrina	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
South Lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weir Lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intake No. 2 Reservoir	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
North Fork Bishop Creek	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
South Fork Bishop Creek	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**24. Please provide any additional detail on how we can improve fishing opportunities at the Bishop Creek Reservoirs.**

## **Bishop Creek Reservoirs: Recreational Use Survey**

### **Boating**

**\* 25. Please select the answer that describes your interest in or experience *boating* at the Bishop Creek Reservoirs?**

- I have boated at the Bishop Creek Reservoirs
- I wanted to boat at at the Bishop Creek Reservoirs, but something prevented me from doing so
- I have no desire to boat at the Bishop Creek Reservoirs

## Bishop Creek Reservoirs: Recreational Use Survey

### Boating

26. Which of the following *types of watercraft* do you prefer at the Bishop Creek Reservoirs? (Select all that apply)

- Motorized (personal)
- Motorized (rental)
- Non-motorized (personal)
- Non-motorized (rental)
- Other (please specify)

27. Which of the following best describes your *type of boating activity*?

- Pleasure boating/paddling
- Fishing
- Other (please specify)



**28. Which of the following best describes *what prevented you* from boating at the Bishop Creek Reservoirs?**

- Boat launch facilities are inadequate
- Boat launch facilities are poorly managed and maintained
- Too many motorized boats on the reservoirs
- No boat rentals were available
- Boat rental fees are too high

**Other (please specify)**

**29. Please provide any additional detail on why you were unable to or chose not to boat at the Bishop Creek Reservoirs?**

## Bishop Creek Reservoirs: Recreational Use Survey

### Boating

30. At which Bishop Creek Reservoir do you typically spend your time *boating*?

- Lake Sabrina
- South Lake
- Intake No. 2 Reservoir

31. Which of the following types of watercraft do you prefer at the Bishop Creek Reservoirs? (Select all that apply)

- Motorized (personal)
- Motorized (rental)
- Non-motorized (personal)
- Non-motorized (rental)
- Other (please specify)

32. In general, for your combined boating activity at the Bishop Creek Reservoirs, how *crowded* do you feel at each reservoir? (Rate one per row)

	Never Crowded		Sometimes Crowded		Always Crowded		N/A
Lake Sabrina	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
South Lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intake No. 2 Reservoir	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**33. How would you rate your overall *satisfaction* with boating access at the Bishop Creek Reservoirs? (Select all that apply)**

	Not at All Satisfied	Slightly Satisfied	Neutral	Very Satisfied	Extremely Satisfied	N/A
Number of launching facilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Condition of launching facilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lake levels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Parking for boat trailers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Boating size/speed restrictions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fee for boat rentals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**34. Which of the following best describes your *type of boating activity*?**

- Pleasure boating/paddling
- Fishing
- Other (please specify)

**35. Please provide any additional detail on how we can improve boating opportunities at the Bishop Creek Reservoirs.**

## **Bishop Creek Reservoirs: Recreational Use Survey**

### **Lodging & Camping**

\* 36. If overnight facilities were available at the Bishop Creek Reservoirs, would you utilize them?

Yes

No

## **Bishop Creek Reservoirs: Recreational Use Survey**

### **Developed Campgrounds**

\* 37. Have you previously *stayed or wanted to stay* at a developed campground near the Bishop Creek Reservoirs? (*The following questions will simply refer to these as, "the campgrounds".*)

- I have stayed at one of the developed campgrounds
- I wanted to stay at one of the developed campgrounds, but something prevented me from doing so
- I have no desire to stay at a developed campground near the Bishop Creek Reservoirs

## Bishop Creek Reservoirs: Recreational Use Survey

### Developed Campgrounds

38. Which of the following best describes *what prevented you* from using one of the developed campgrounds in the past?

- |   |  |
|---|--|
| <input type="radio"/> The campgrounds were too crowded                  | <input type="radio"/> The campgrounds were not in the location I desired |
| <input type="radio"/> The facilities were inadequate                    | <input type="radio"/> All reservations were booked                       |
| <input type="radio"/> The facilities were poorly managed and maintained | <input type="radio"/> The fees were too high                             |

Other (please specify)

39. Please provide any additional detail on why you did not stay at one of the developed campgrounds?

## Bishop Creek Reservoirs: Recreational Use Survey

### Developed Campgrounds

40. How would you rate your overall *satisfaction* with the campgrounds you have used?

Not at All Satisfied	Slightly Satisfied	Neutral	Very Satisfied	Extremely Satisfied	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

41. How would you rate the *condition, management, and cleanliness* of the campgrounds you have used?

Poor	Average	Excellent	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

42. How would your rate the *number of campgrounds* near the Bishop Creek Reservoirs?

Too Few	About Right	Too Many
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

43. In general, for your combined trips to the campgrounds, how *crowded* do you usually feel?

Never Crowded	Sometimes Crowded	Always Crowded	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

44. If the campgrounds were *more crowded*, would your experience diminish?

- Yes
- No
- N/A

45. How would you rate the *fees* associated with the campgrounds?

Too High		About Right		Too Low	N/A
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

46. How important is the *location or proximity of campgrounds* to your preferred recreational activity?

- Extremely important
- Very important
- Somewhat important
- Not so important
- Not at all important

47. Please provide any additional detail on how we can improve or expand campground facilities near the Bishop Creek Reservoirs.



## **Bishop Creek Reservoirs: Recreational Use Survey**

### **Wilderness Access**

**\* 48. Have you ever used trailheads at the Bishop Creek Reservoirs (e.g., Sabrina Basin Trailhead; Bishop Pass Trailhead) to access the John Muir Wilderness?**

Yes

No

## **Bishop Creek Reservoirs: Recreational Use Survey**

### **Wilderness Access**

49. Which type of use do you prefer when accessing the John Muir Wilderness?  
(Select all that apply)

- Day Use
- Overnight Use
- Other (please specify)

50. If driving to the area, please briefly describe where and how you park your vehicle before accessing the John Muir Wilderness.

51. Please provide any additional detail on how we can improve accessibility to the John Muir Wilderness at the Bishop Creek Reservoirs.

## **Bishop Creek Reservoirs: Recreational Use Survey**

**52. Thank you for taking the time to complete this survey. Please share any additional comments on your visits and recreation activities at Bishop Creek Reservoirs.**

## **Bishop Creek Reservoirs: Recreational Use Survey**

**53. Are there any specific reasons why you have not recreated at the Bishop Creek Reservoirs in the past?**

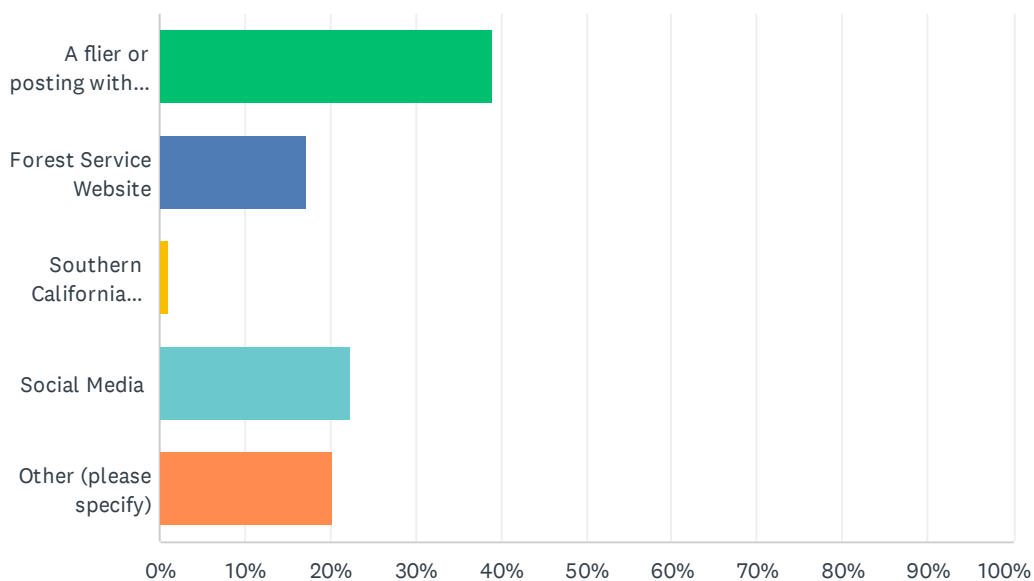
**54. Are there specific changes or additions to opportunities and/or facilities that would make you want to recreate at the Bishop Creek Reservoirs in the future?**

**55. Thank you for taking the time to complete this survey. Please share any additional comments on your visits and recreation activities at Bishop Creek Reservoirs.**

**APPENDIX B**  
**SURVEY RESPONSES**

## Q1 Please let us know how you heard about this survey.

Answered: 300 Skipped: 61



ANSWER CHOICES	RESPONSES
A flier or posting within the Inyo National Forest	39.00% 117
Forest Service Website	17.33% 52
Southern California Edison Website	1.00% 3
Social Media	22.33% 67
Other (please specify)	20.33% 61
<b>TOTAL</b>	<b>300</b>

#	OTHER (PLEASE SPECIFY)	DATE
1	Sign neat trail	12/4/2021 1:23 PM
2	Eastern Sierra Land Trust	11/10/2021 9:51 AM
3	Bishop chamber email	11/9/2021 7:00 PM
4	Bishop Chamber of Commerce newsletter	11/9/2021 4:27 PM
5	Bishop Chamber email	11/9/2021 4:12 PM
6	Bishop Chamber Newsletter	11/9/2021 3:44 PM
7	kibs web site	10/8/2021 11:52 AM
8	Inyo Register	10/8/2021 10:32 AM
9	Chamber of Commerce e-newsletter	10/2/2021 9:13 AM
10	Chamber of Commerce Bishop	9/28/2021 1:39 PM
11	ONLINE	9/26/2021 9:40 AM

## Bishop Creek Reservoirs: Recreational Use Survey

12	Inyo Register newspaper	9/25/2021 2:31 PM
13	Bishop Chamber of Commerce	9/24/2021 9:17 AM
14	BCOC	9/24/2021 5:15 AM
15	Bishop chamber	9/23/2021 7:01 AM
16	Local news media	9/22/2021 9:44 PM
17	KIBS	9/22/2021 6:53 PM
18	kibs radio	9/22/2021 6:32 PM
19	kibs radio	9/22/2021 6:19 PM
20	bishop chamber newsletter	9/22/2021 3:29 PM
21	Bishop Area Chamber of Commerce	9/22/2021 2:58 PM
22	100.7 FM radio station	9/22/2021 12:26 PM
23	bishop chamber	9/22/2021 11:10 AM
24	Bishop Chamber	9/22/2021 9:01 AM
25	Chamber of Commerce	9/22/2021 8:04 AM
26	Local friends	9/21/2021 9:43 PM
27	Local friends	9/21/2021 9:19 PM
28	Friend	9/21/2021 9:04 PM
29	Bishop Chamber of Commerce	9/21/2021 8:56 PM
30	Chamber of Commerce	9/21/2021 8:20 PM
31	BISHOP AREA CHAMBER OF COMMERCE & VISITORS BUREAU	9/21/2021 6:20 PM
32	Inyo Register	9/21/2021 5:53 PM
33	Chamber of Commerce	9/21/2021 4:29 PM
34	word of mouth	9/21/2021 3:25 PM
35	Inyo Register newspaper	9/20/2021 6:50 PM
36	Inyo Register	9/19/2021 2:33 PM
37	Inyo Register	9/19/2021 8:09 AM
38	Inyo Register	9/19/2021 7:50 AM
39	inyo register	9/19/2021 7:44 AM
40	Inyo Register article	9/18/2021 2:01 PM
41	Inyo Register 9/18/21	9/18/2021 10:32 AM
42	Inyo Register	9/18/2021 10:06 AM
43	The Inyo Register News	9/18/2021 8:21 AM
44	Parchers resort	9/12/2021 12:28 PM
45	Friends and family camping.	9/11/2021 3:36 PM
46	I visit this sight regularly each year	9/11/2021 9:40 AM
47	Troutfitter newsletter	9/10/2021 4:47 AM
48	fowarded by a friend	8/23/2021 8:30 AM
49	Edison survey taker at Lake Sabrina	8/23/2021 7:30 AM

## Bishop Creek Reservoirs: Recreational Use Survey

50	friend forwarded it to me.	7/31/2021 6:15 PM
51	Survey notice left on windshield	7/21/2021 7:28 PM
52	Flyer placed on car	7/11/2021 4:58 PM
53	highsierratopix.com	7/2/2021 10:47 AM
54	Used to work for Forest	6/23/2021 3:16 PM
55	High Sierra Topix	6/17/2021 2:04 PM
56	A flier put behind windshield wiper on my car	6/7/2021 5:50 PM
57	Flyer on car window	5/29/2021 10:44 AM
58	Friends	5/26/2021 12:29 PM
59	Friends	5/26/2021 12:06 PM
60	Friend	5/24/2021 5:22 PM
61	Handed the flyer	5/6/2021 11:08 AM



Q2 Would you please provide only the 5-digit zip-code of your primary residence. [Note: No personal information is being sought; rather, SCE is seeking to understand the demographics of its current recreational users.]

Answered: 358 Skipped: 3

ANSWER CHOICES	RESPONSES	
5-digit zip code if residing in the USA	100.00%	358
Country for individuals residing outside the USA	5.87%	21

#	5-DIGIT ZIP CODE IF RESIDING IN THE USA	DATE
1	93005	12/4/2021 1:23 PM
2	92374	11/24/2021 11:46 AM
3	93510	11/12/2021 7:42 PM
4	93514	11/12/2021 1:24 PM
5	93514	11/10/2021 1:42 PM
6	92694	11/10/2021 9:51 AM
7	93514	11/10/2021 9:08 AM
8	93514	11/9/2021 7:00 PM
9	93514	11/9/2021 4:27 PM
10	93514	11/9/2021 4:12 PM
11	93515	11/9/2021 3:44 PM
12	93514	11/9/2021 3:40 PM
13	93514	11/6/2021 7:29 AM
14	92649	10/21/2021 6:10 PM
15	93514	10/8/2021 11:52 AM
16	92586	10/8/2021 10:32 AM
17	98541	10/7/2021 7:44 PM
18	93514	10/3/2021 9:08 AM
19	91765	10/3/2021 8:59 AM
20	93514	10/2/2021 9:13 AM
21	90503	9/28/2021 3:48 PM
22	93513	9/28/2021 1:39 PM
23	93514	9/27/2021 11:10 PM
24	92115	9/26/2021 9:40 AM
25	93514	9/25/2021 2:31 PM
26	93513	9/24/2021 1:34 PM
27	93514	9/24/2021 11:47 AM

## Bishop Creek Reservoirs: Recreational Use Survey

28	93514	9/24/2021 9:17 AM
29	93514	9/24/2021 5:15 AM
30	93514	9/23/2021 8:18 PM
31	93514	9/23/2021 4:26 PM
32	93063	9/23/2021 1:44 PM
33	93514	9/23/2021 9:32 AM
34	93514	9/23/2021 7:59 AM
35	93514	9/23/2021 7:01 AM
36	93514	9/22/2021 10:16 PM
37	93514	9/22/2021 9:44 PM
38	93514	9/22/2021 9:32 PM
39	93514	9/22/2021 7:10 PM
40	93514	9/22/2021 6:53 PM
41	93514	9/22/2021 6:32 PM
42	93514	9/22/2021 6:19 PM
43	93514	9/22/2021 3:29 PM
44	93514	9/22/2021 2:58 PM
45	93514	9/22/2021 2:26 PM
46	93514	9/22/2021 12:26 PM
47	95843	9/22/2021 11:50 AM
48	93514	9/22/2021 11:10 AM
49	92592	9/22/2021 9:54 AM
50	93514	9/22/2021 9:01 AM
51	93514	9/22/2021 9:00 AM
52	93514	9/22/2021 8:27 AM
53	93514	9/22/2021 8:04 AM
54	93514	9/21/2021 11:24 PM
55	89410	9/21/2021 9:43 PM
56	89410	9/21/2021 9:19 PM
57	93514	9/21/2021 9:04 PM
58	93514	9/21/2021 8:56 PM
59	93512	9/21/2021 8:20 PM
60	93546	9/21/2021 6:55 PM
61	93514	9/21/2021 6:20 PM
62	92808	9/21/2021 6:00 PM
63	93514	9/21/2021 5:53 PM
64	93514	9/21/2021 5:40 PM
65	93514	9/21/2021 4:29 PM

## Bishop Creek Reservoirs: Recreational Use Survey

66	93514	9/21/2021 3:25 PM
67	93514	9/20/2021 6:50 PM
68	93454	9/20/2021 3:49 PM
69	92688	9/20/2021 9:31 AM
70	94611	9/19/2021 3:19 PM
71	93513	9/19/2021 2:33 PM
72	89131	9/19/2021 10:20 AM
73	93514	9/19/2021 8:09 AM
74	93514	9/19/2021 7:50 AM
75	93514	9/19/2021 7:44 AM
76	93514	9/18/2021 3:26 PM
77	93514	9/18/2021 2:01 PM
78	93514	9/18/2021 10:32 AM
79	93514	9/18/2021 10:06 AM
80	93514	9/18/2021 8:21 AM
81	91902	9/17/2021 5:29 PM
82	90016	9/16/2021 1:44 PM
83	93546	9/16/2021 9:19 AM
84	92618	9/15/2021 10:19 PM
85	93514	9/15/2021 1:35 PM
86	93545	9/15/2021 1:10 PM
87	93514	9/15/2021 11:00 AM
88	93514	9/14/2021 2:55 PM
89	92054	9/14/2021 1:24 PM
90	92563	9/14/2021 12:17 PM
91	92870	9/14/2021 11:36 AM
92	93514	9/14/2021 11:07 AM
93	91016	9/14/2021 9:18 AM
94	92506	9/13/2021 10:33 PM
95	91701	9/13/2021 3:51 PM
96	94550	9/13/2021 3:08 PM
97	93514	9/13/2021 1:01 PM
98	90631	9/13/2021 11:42 AM
99	91701	9/13/2021 10:16 AM
100	93514	9/12/2021 8:22 PM
101	97601	9/12/2021 7:08 PM
102	44023	9/12/2021 6:49 PM
103	92677	9/12/2021 4:07 PM

## Bishop Creek Reservoirs: Recreational Use Survey

104	92395	9/12/2021 2:35 PM
105	92646	9/12/2021 1:51 PM
106	93555	9/12/2021 1:01 PM
107	92648	9/12/2021 12:36 PM
108	93514	9/12/2021 12:28 PM
109	90272	9/12/2021 10:14 AM
110	92117	9/12/2021 8:34 AM
111	95124	9/12/2021 8:02 AM
112	90630	9/12/2021 7:04 AM
113	93312	9/12/2021 6:45 AM
114	91209	9/12/2021 6:34 AM
115	94960	9/12/2021 6:14 AM
116	92110	9/11/2021 11:47 PM
117	95819	9/11/2021 10:34 PM
118	90603	9/11/2021 9:42 PM
119	90706	9/11/2021 9:34 PM
120	93561	9/11/2021 9:13 PM
121	90064	9/11/2021 9:08 PM
122	92868	9/11/2021 9:04 PM
123	91103	9/11/2021 8:31 PM
124	9210	9/11/2021 8:30 PM
125	92260	9/11/2021 7:47 PM
126	91739	9/11/2021 7:29 PM
127	91739	9/11/2021 7:18 PM
128	92130	9/11/2021 6:07 PM
129	92802	9/11/2021 5:23 PM
130	92880	9/11/2021 5:03 PM
131	92841	9/11/2021 4:49 PM
132	93514	9/11/2021 4:42 PM
133	95519	9/11/2021 3:36 PM
134	93514	9/11/2021 3:30 PM
135	92692	9/11/2021 1:29 PM
136	90064	9/11/2021 1:21 PM
137	91762	9/11/2021 1:02 PM
138	93420	9/11/2021 12:33 PM
139	92677	9/11/2021 9:40 AM
140	93514	9/11/2021 9:11 AM
141	92069	9/10/2021 4:47 AM

## Bishop Creek Reservoirs: Recreational Use Survey

142	92345	9/5/2021 1:43 PM
143	92019	9/4/2021 9:12 AM
144	93514	9/1/2021 10:58 AM
145	92508	8/31/2021 4:14 PM
146	95521	8/31/2021 7:43 AM
147	91942	8/31/2021 7:27 AM
148	93515	8/31/2021 4:29 AM
149	93514	8/30/2021 10:17 PM
150	65203	8/27/2021 10:32 AM
151	92399	8/24/2021 10:25 AM
152	91352	8/23/2021 12:44 PM
153	93514	8/23/2021 11:12 AM
154	90266	8/23/2021 8:30 AM
155	92563	8/23/2021 7:30 AM
156	92708	8/22/2021 8:56 PM
157	91387	8/21/2021 10:28 AM
158	94597	8/18/2021 12:48 PM
159	94597	8/18/2021 12:33 PM
160	95404	8/18/2021 9:59 AM
161	91352	8/16/2021 4:31 PM
162	94063	8/16/2021 11:58 AM
163	93546	8/15/2021 4:05 PM
164	83607	8/13/2021 2:26 AM
165	92619	8/12/2021 10:26 AM
166	94301	8/11/2021 6:05 AM
167	90250	8/10/2021 10:14 PM
168	96161	8/8/2021 1:49 PM
169	94043	8/8/2021 12:44 PM
170	91107	8/8/2021 10:58 AM
171	51633	8/8/2021 8:51 AM
172	96161	8/7/2021 9:40 AM
173	95864	8/7/2021 8:47 AM
174	93514	8/6/2021 4:56 PM
175	92882	8/6/2021 2:30 PM
176	92626	8/6/2021 11:20 AM
177	93105	8/5/2021 5:27 PM
178	93514	8/5/2021 3:20 PM
179	89705	8/5/2021 1:44 PM

## Bishop Creek Reservoirs: Recreational Use Survey

180	95370	8/5/2021 1:00 PM
181	93105	8/5/2021 9:06 AM
182	78954	8/3/2021 8:14 PM
183	90266	7/31/2021 6:15 PM
184	93514	7/25/2021 2:58 PM
185	81505	7/21/2021 7:28 PM
186	92821	7/18/2021 7:40 PM
187	86001	7/18/2021 4:07 PM
188	90026	7/18/2021 2:13 PM
189	94901	7/16/2021 3:00 PM
190	91701	7/16/2021 2:39 PM
191	95035	7/14/2021 9:59 PM
192	93514	7/14/2021 5:37 PM
193	93555	7/13/2021 6:14 PM
194	95014	7/13/2021 11:27 AM
195	90039	7/13/2021 12:50 AM
196	93514	7/12/2021 5:44 PM
197	96001	7/12/2021 4:46 PM
198	94549	7/12/2021 8:47 AM
199	92060	7/11/2021 9:48 PM
200	96161	7/11/2021 4:58 PM
201	98117	7/11/2021 3:54 PM
202	92314	7/8/2021 5:06 PM
203	91390	7/7/2021 2:50 PM
204	91326	7/6/2021 9:54 PM
205	96161	7/6/2021 8:55 PM
206	92592	7/6/2021 7:30 PM
207	91101	7/6/2021 6:35 PM
208	95603	7/6/2021 4:13 PM
209	92154	7/6/2021 8:08 AM
210	92264	7/6/2021 7:20 AM
211	91356	7/5/2021 4:00 PM
212	84746	7/4/2021 6:49 PM
213	92705	7/4/2021 12:30 PM
214	94131	7/2/2021 10:47 AM
215	83703	7/2/2021 7:41 AM
216	92056	7/1/2021 6:53 PM
217	91105	6/29/2021 9:08 PM

## Bishop Creek Reservoirs: Recreational Use Survey

218	93526	6/27/2021 8:13 AM
219	92506	6/27/2021 8:11 AM
220	92344	6/26/2021 2:47 PM
221	93513	6/26/2021 2:28 PM
222	93514	6/23/2021 3:16 PM
223	86301	6/23/2021 1:47 PM
224	93514	6/23/2021 12:45 PM
225	93514	6/21/2021 2:58 PM
226	93514	6/18/2021 6:48 PM
227	90077	6/17/2021 2:04 PM
228	93514	6/16/2021 2:16 PM
229	90808	6/16/2021 12:38 PM
230	93514	6/15/2021 4:22 PM
231	80127	6/15/2021 8:56 AM
232	92563	6/14/2021 10:02 PM
233	93514	6/13/2021 7:02 PM
234	92544	6/13/2021 1:35 PM
235	92604	6/12/2021 10:46 AM
236	92530	6/11/2021 7:41 PM
237	93546	6/11/2021 3:28 PM
238	95834	6/10/2021 8:55 PM
239	91390	6/10/2021 3:41 PM
240	93514	6/10/2021 2:06 PM
241	90717	6/10/2021 12:00 PM
242	93514	6/10/2021 11:05 AM
243	93532	6/9/2021 8:03 PM
244	96145	6/9/2021 5:08 PM
245	94618	6/8/2021 9:04 PM
246	92120	6/8/2021 5:26 PM
247	91403	6/8/2021 5:14 PM
248	93514	6/8/2021 7:10 AM
249	93514	6/8/2021 6:58 AM
250	92549	6/7/2021 9:21 PM
251	94116	6/7/2021 8:07 PM
252	91361	6/7/2021 7:27 PM
253	94963	6/7/2021 7:21 PM
254	94303	6/7/2021 5:50 PM
255	93514	6/7/2021 2:00 PM

## Bishop Creek Reservoirs: Recreational Use Survey

256	95834	6/7/2021 1:29 PM
257	90404	6/7/2021 12:31 PM
258	90638	6/7/2021 11:23 AM
259	93561	6/6/2021 7:08 AM
260	93514	6/5/2021 8:29 PM
261	95616	6/4/2021 9:30 PM
262	93514	6/4/2021 10:26 AM
263	89511	6/2/2021 12:19 AM
264	93514	6/1/2021 1:26 PM
265	92397	6/1/2021 11:35 AM
266	91106	6/1/2021 12:16 AM
267	90802	5/31/2021 7:50 PM
268	91302	5/31/2021 6:26 PM
269	93514	5/31/2021 5:33 PM
270	93514	5/30/2021 9:57 AM
271	92822	5/30/2021 8:28 AM
272	93514	5/30/2021 7:55 AM
273	92592	5/29/2021 5:05 PM
274	93514	5/29/2021 4:59 PM
275	91711	5/29/2021 10:44 AM
276	92886	5/29/2021 10:22 AM
277	90815	5/27/2021 10:36 PM
278	92374	5/27/2021 7:14 PM
279	92126	5/26/2021 11:15 PM
280	93555	5/26/2021 12:29 PM
281	93555	5/26/2021 12:06 PM
282	93514	5/25/2021 8:21 PM
283	93514	5/25/2021 12:54 PM
284	93514	5/25/2021 9:28 AM
285	93514	5/25/2021 6:45 AM
286	93514	5/24/2021 7:16 PM
287	93514	5/24/2021 5:22 PM
288	93514	5/24/2021 2:58 PM
289	93514	5/24/2021 2:45 PM
290	93514	5/23/2021 7:19 PM
291	90302	5/20/2021 8:36 PM
292	90064	5/17/2021 2:06 PM
293	92021	5/16/2021 8:45 AM



## Bishop Creek Reservoirs: Recreational Use Survey

294	92082	5/11/2021 12:24 PM
295	92679	5/10/2021 3:14 PM
296	91356	5/9/2021 11:20 PM
297	91730	5/6/2021 11:08 AM
298	91784	5/4/2021 8:48 PM
299	90250	5/4/2021 12:28 PM
300	92120	5/3/2021 9:11 PM
301	90670	5/1/2021 7:55 PM
302	90713	4/28/2021 10:45 PM
303	92882	4/21/2021 8:47 AM
304	92591	4/16/2021 9:10 PM
305	93514	4/2/2021 8:52 AM
306	94963	3/11/2021 11:33 AM
307	93514	3/10/2021 4:48 PM
308	93514	3/2/2021 1:42 PM
309	94506	2/26/2021 4:24 PM
310	90505	2/26/2021 9:38 AM
311	90064	2/25/2021 6:24 PM
312	93514	2/19/2021 3:40 PM
313	93722	2/12/2021 6:38 AM
314	83646	2/11/2021 5:13 PM
315	93514	2/5/2021 7:23 AM
316	93514	1/13/2021 8:58 AM
317	93546	1/10/2021 9:39 PM
318	91214	1/10/2021 7:01 PM
319	90503	1/10/2021 6:14 PM
320	93555	1/10/2021 5:30 PM
321	91042	1/10/2021 4:52 PM
322	89408	1/8/2021 7:53 PM
323	93514	1/8/2021 6:16 PM
324	92084	1/8/2021 3:47 PM
325	96150	1/8/2021 11:38 AM
326	93546	1/8/2021 9:52 AM
327	93514	1/8/2021 9:41 AM
328	93513	1/8/2021 7:52 AM
329	91103	1/7/2021 10:57 PM
330	93514	1/7/2021 10:18 PM
331	92880	1/7/2021 8:46 PM

## Bishop Creek Reservoirs: Recreational Use Survey

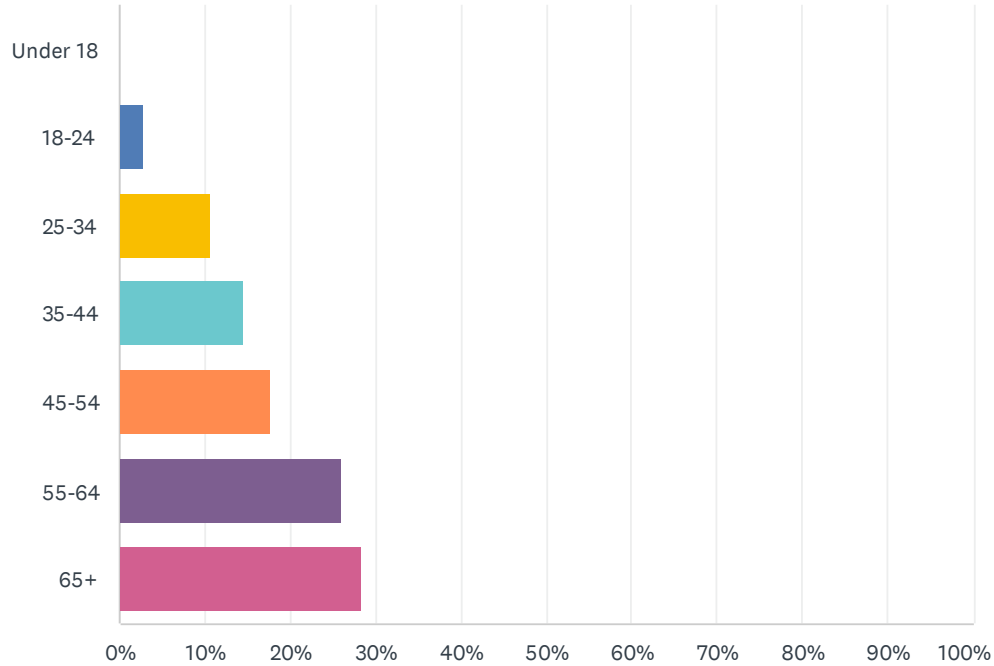
332	93514	1/7/2021 8:28 PM
333	94085	1/7/2021 8:16 PM
334	95616	1/7/2021 8:04 PM
335	92021	1/7/2021 7:51 PM
336	93514	1/7/2021 7:29 PM
337	92880	1/7/2021 7:19 PM
338	92117	1/7/2021 7:19 PM
339	93555	1/7/2021 7:06 PM
340	93514	1/7/2021 6:59 PM
341	93546	1/7/2021 6:56 PM
342	96150	1/7/2021 6:51 PM
343	93529	1/7/2021 6:06 PM
344	93546	1/7/2021 6:00 PM
345	93010	1/7/2021 5:50 PM
346	93514	1/7/2021 4:54 PM
347	93514	1/7/2021 4:53 PM
348	92395	1/7/2021 4:52 PM
349	93514	1/7/2021 4:30 PM
350	93535	1/7/2021 4:26 PM
351	93514	1/7/2021 4:24 PM
352	91784	1/7/2021 4:19 PM
353	92315	1/7/2021 4:18 PM
354	93546	1/7/2021 4:17 PM
355	97211	1/7/2021 4:17 PM
356	94610	12/23/2020 9:46 AM
357	93514	12/19/2020 5:47 PM
358	93514	12/16/2020 3:35 PM
<b>#</b>	<b>COUNTRY FOR INDIVIDUALS RESIDING OUTSIDE THE USA</b>	<b>DATE</b>
1	United States	11/10/2021 9:51 AM
2	United States	10/2/2021 9:13 AM
3	United States	9/24/2021 9:17 AM
4	United States	9/23/2021 4:26 PM
5	United States	9/23/2021 7:59 AM
6	United States	9/22/2021 8:27 AM
7	Inyo	9/18/2021 10:32 AM
8	USA	9/18/2021 10:06 AM
9	United States	9/17/2021 5:29 PM
10	United States	9/14/2021 12:17 PM

## Bishop Creek Reservoirs: Recreational Use Survey

11	United States	9/12/2021 10:14 AM
12	United States	8/8/2021 12:44 PM
13	United States	7/6/2021 7:30 PM
14	United States	6/16/2021 12:38 PM
15	United States	6/10/2021 12:00 PM
16	USA	6/7/2021 5:50 PM
17	United States	5/30/2021 9:57 AM
18	United States	5/29/2021 10:22 AM
19	United States	5/27/2021 7:14 PM
20	United States	2/26/2021 4:24 PM
21	United States	1/7/2021 8:16 PM

### Q3 Please provide the age of the individual completing this survey using the ranges provided below.

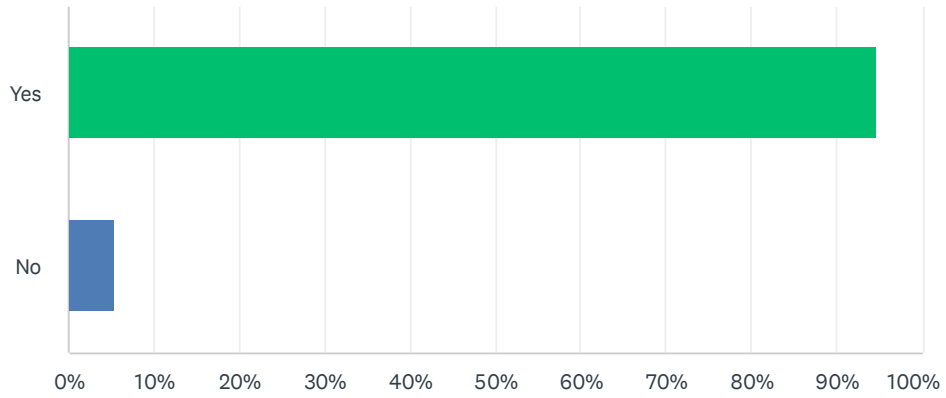
Answered: 357 Skipped: 4



ANSWER CHOICES	RESPONSES	
Under 18	0.00%	0
18-24	2.80%	10
25-34	10.64%	38
35-44	14.57%	52
45-54	17.65%	63
55-64	26.05%	93
65+	28.29%	101
<b>TOTAL</b>		<b>357</b>

## Q4 Have you ever recreated at the Bishop Creek Reservoirs?

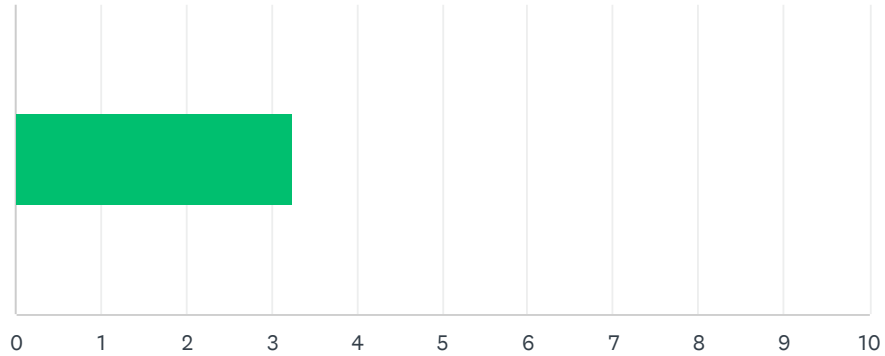
Answered: 361 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	94.74%	342
No	5.26%	19
TOTAL		361

## Q5 When visiting the Bishop Creek Reservoirs, how many people are typically in your party?

Answered: 327 Skipped: 34



ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
	3	1,062	327
Total Respondents: 327			

#		DATE
1	2	12/4/2021 1:25 PM
2	1	11/24/2021 11:47 AM
3	2	11/10/2021 1:43 PM
4	4	11/10/2021 9:52 AM
5	3	11/10/2021 9:10 AM
6	2	11/9/2021 7:02 PM
7	4	11/9/2021 4:29 PM
8	2	11/9/2021 4:13 PM
9	4	11/9/2021 3:46 PM
10	3	11/9/2021 3:41 PM
11	2	11/6/2021 7:31 AM
12	2	10/21/2021 6:12 PM
13	1	10/8/2021 11:54 AM
14	2	10/8/2021 10:33 AM
15	2	10/3/2021 9:10 AM
16	2	10/2/2021 9:15 AM
17	2	9/28/2021 3:50 PM
18	5	9/28/2021 1:41 PM
19	4	9/27/2021 11:12 PM

## Bishop Creek Reservoirs: Recreational Use Survey

20	1	9/26/2021 9:41 AM
21	2	9/25/2021 2:34 PM
22	2	9/24/2021 1:37 PM
23	2	9/24/2021 11:48 AM
24	2	9/24/2021 9:19 AM
25	1	9/24/2021 5:17 AM
26	4	9/23/2021 8:20 PM
27	1	9/23/2021 1:46 PM
28	5	9/23/2021 9:34 AM
29	4	9/23/2021 8:01 AM
30	7	9/23/2021 7:03 AM
31	6	9/22/2021 10:19 PM
32	3	9/22/2021 9:46 PM
33	4	9/22/2021 9:33 PM
34	2	9/22/2021 7:14 PM
35	2	9/22/2021 6:54 PM
36	7	9/22/2021 6:33 PM
37	7	9/22/2021 6:21 PM
38	8	9/22/2021 3:30 PM
39	3	9/22/2021 3:00 PM
40	3	9/22/2021 2:26 PM
41	3	9/22/2021 12:28 PM
42	4	9/22/2021 11:52 AM
43	6	9/22/2021 11:11 AM
44	6	9/22/2021 9:56 AM
45	4	9/22/2021 9:02 AM
46	2	9/22/2021 9:02 AM
47	2	9/22/2021 8:28 AM
48	3	9/22/2021 8:05 AM
49	4	9/21/2021 11:26 PM
50	7	9/21/2021 9:44 PM
51	7	9/21/2021 9:21 PM
52	4	9/21/2021 9:05 PM
53	8	9/21/2021 8:57 PM
54	5	9/21/2021 6:56 PM
55	3	9/21/2021 6:22 PM
56	2	9/21/2021 6:01 PM
57	2	9/21/2021 5:54 PM

## Bishop Creek Reservoirs: Recreational Use Survey

58	3	9/21/2021 5:42 PM
59	2	9/21/2021 4:31 PM
60	4	9/21/2021 3:27 PM
61	2	9/20/2021 6:53 PM
62	2	9/20/2021 3:50 PM
63	2	9/20/2021 9:36 AM
64	8	9/19/2021 3:20 PM
65	2	9/19/2021 2:35 PM
66	2	9/19/2021 10:23 AM
67	2	9/19/2021 8:11 AM
68	2	9/19/2021 7:52 AM
69	2	9/19/2021 7:45 AM
70	5	9/18/2021 3:28 PM
71	2	9/18/2021 2:03 PM
72	2	9/18/2021 10:38 AM
73	3	9/18/2021 10:08 AM
74	2	9/18/2021 8:23 AM
75	4	9/17/2021 5:34 PM
76	2	9/16/2021 1:46 PM
77	1	9/16/2021 9:20 AM
78	5	9/15/2021 10:20 PM
79	2	9/15/2021 1:36 PM
80	5	9/15/2021 1:11 PM
81	2	9/15/2021 11:01 AM
82	2	9/14/2021 2:57 PM
83	1	9/14/2021 1:26 PM
84	2	9/14/2021 12:20 PM
85	5	9/14/2021 11:37 AM
86	4	9/14/2021 11:08 AM
87	3	9/14/2021 9:19 AM
88	1	9/13/2021 10:34 PM
89	6	9/13/2021 3:57 PM
90	2	9/13/2021 3:09 PM
91	1	9/13/2021 1:02 PM
92	7	9/13/2021 11:43 AM
93	4	9/13/2021 10:18 AM
94	1	9/12/2021 8:24 PM
95	5	9/12/2021 7:10 PM



## Bishop Creek Reservoirs: Recreational Use Survey

96	8	9/12/2021 6:49 PM
97	8	9/12/2021 4:08 PM
98	2	9/12/2021 2:36 PM
99	3	9/12/2021 1:53 PM
100	1	9/12/2021 1:02 PM
101	4	9/12/2021 12:37 PM
102	4	9/12/2021 12:29 PM
103	2	9/12/2021 10:15 AM
104	4	9/12/2021 8:35 AM
105	3	9/12/2021 8:03 AM
106	4	9/12/2021 7:06 AM
107	2	9/12/2021 6:47 AM
108	4	9/12/2021 6:35 AM
109	2	9/12/2021 6:15 AM
110	7	9/11/2021 11:48 PM
111	2	9/11/2021 10:36 PM
112	3	9/11/2021 9:44 PM
113	4	9/11/2021 9:35 PM
114	2	9/11/2021 9:15 PM
115	2	9/11/2021 9:09 PM
116	20	9/11/2021 9:06 PM
117	4	9/11/2021 8:32 PM
118	5	9/11/2021 8:32 PM
119	1	9/11/2021 7:47 PM
120	5	9/11/2021 7:31 PM
121	4	9/11/2021 7:20 PM
122	2	9/11/2021 6:09 PM
123	4	9/11/2021 5:24 PM
124	8	9/11/2021 5:04 PM
125	5	9/11/2021 4:50 PM
126	4	9/11/2021 4:43 PM
127	4	9/11/2021 3:38 PM
128	4	9/11/2021 3:31 PM
129	2	9/11/2021 1:31 PM
130	2	9/11/2021 1:23 PM
131	5	9/11/2021 1:04 PM
132	2	9/11/2021 12:34 PM
133	4	9/11/2021 9:43 AM

## Bishop Creek Reservoirs: Recreational Use Survey

134	1	9/11/2021 9:13 AM
135	2	9/10/2021 4:49 AM
136	2	9/5/2021 1:44 PM
137	6	9/4/2021 9:13 AM
138	2	9/1/2021 11:00 AM
139	2	8/31/2021 4:17 PM
140	2	8/31/2021 7:46 AM
141	5	8/31/2021 7:28 AM
142	1	8/31/2021 4:30 AM
143	1	8/30/2021 10:19 PM
144	10	8/24/2021 10:26 AM
145	6	8/23/2021 12:45 PM
146	3	8/23/2021 11:13 AM
147	5	8/23/2021 8:32 AM
148	12	8/23/2021 7:31 AM
149	5	8/22/2021 8:57 PM
150	4	8/21/2021 10:30 AM
151	2	8/18/2021 12:49 PM
152	2	8/18/2021 12:34 PM
153	3	8/16/2021 4:33 PM
154	2	8/16/2021 11:59 AM
155	2	8/15/2021 4:07 PM
156	15	8/13/2021 2:27 AM
157	1	8/11/2021 6:07 AM
158	2	8/10/2021 10:15 PM
159	3	8/8/2021 1:51 PM
160	4	8/8/2021 12:45 PM
161	2	8/7/2021 9:42 AM
162	4	8/7/2021 8:48 AM
163	2	8/6/2021 4:57 PM
164	2	8/6/2021 2:32 PM
165	3	8/6/2021 11:21 AM
166	8	8/5/2021 3:21 PM
167	6	8/5/2021 1:46 PM
168	2	8/5/2021 1:01 PM
169	2	8/5/2021 9:08 AM
170	2	8/3/2021 8:17 PM
171	3	7/25/2021 2:59 PM

## Bishop Creek Reservoirs: Recreational Use Survey

172	2	7/18/2021 7:42 PM
173	2	7/18/2021 4:08 PM
174	3	7/18/2021 2:14 PM
175	5	7/16/2021 2:40 PM
176	2	7/14/2021 10:00 PM
177	2	7/14/2021 5:39 PM
178	1	7/13/2021 6:15 PM
179	1	7/13/2021 11:28 AM
180	2	7/12/2021 5:46 PM
181	2	7/11/2021 9:50 PM
182	1	7/11/2021 3:55 PM
183	2	7/7/2021 2:53 PM
184	3	7/6/2021 9:56 PM
185	4	7/6/2021 8:56 PM
186	6	7/6/2021 7:31 PM
187	2	7/6/2021 6:36 PM
188	2	7/6/2021 4:15 PM
189	1	7/6/2021 7:21 AM
190	2	7/5/2021 4:02 PM
191	1	7/4/2021 6:50 PM
192	2	7/4/2021 12:31 PM
193	6	7/2/2021 7:42 AM
194	2	6/29/2021 9:10 PM
195	1	6/29/2021 8:59 PM
196	4	6/26/2021 2:50 PM
197	2	6/26/2021 2:30 PM
198	2	6/23/2021 3:20 PM
199	2	6/23/2021 1:50 PM
200	2	6/23/2021 12:46 PM
201	2	6/21/2021 2:59 PM
202	1	6/18/2021 6:50 PM
203	2	6/17/2021 2:06 PM
204	3	6/16/2021 2:18 PM
205	16	6/16/2021 12:41 PM
206	4	6/15/2021 4:24 PM
207	1	6/15/2021 8:58 AM
208	2	6/14/2021 10:04 PM
209	4	6/13/2021 7:03 PM

## Bishop Creek Reservoirs: Recreational Use Survey

210	3	6/13/2021 1:36 PM
211	2	6/12/2021 10:47 AM
212	5	6/12/2021 6:40 AM
213	4	6/11/2021 3:29 PM
214	2	6/10/2021 3:42 PM
215	4	6/10/2021 2:08 PM
216	1	6/10/2021 12:01 PM
217	3	6/10/2021 11:06 AM
218	3	6/9/2021 8:05 PM
219	1	6/9/2021 5:09 PM
220	2	6/8/2021 9:05 PM
221	2	6/8/2021 5:28 PM
222	4	6/8/2021 5:15 PM
223	2	6/8/2021 7:11 AM
224	2	6/8/2021 6:59 AM
225	2	6/7/2021 9:22 PM
226	2	6/7/2021 8:08 PM
227	2	6/7/2021 7:24 PM
228	2	6/7/2021 5:53 PM
229	2	6/7/2021 2:01 PM
230	2	6/7/2021 1:31 PM
231	6	6/7/2021 12:32 PM
232	4	6/7/2021 11:24 AM
233	7	6/6/2021 7:10 AM
234	2	6/5/2021 8:30 PM
235	2	6/4/2021 9:31 PM
236	4	6/4/2021 10:28 AM
237	1	6/2/2021 12:21 AM
238	4	6/1/2021 1:28 PM
239	3	6/1/2021 11:36 AM
240	2	6/1/2021 12:18 AM
241	8	5/31/2021 6:27 PM
242	4	5/31/2021 5:34 PM
243	2	5/30/2021 8:29 AM
244	3	5/30/2021 7:57 AM
245	4	5/29/2021 5:06 PM
246	2	5/29/2021 5:00 PM
247	2	5/29/2021 10:45 AM

## Bishop Creek Reservoirs: Recreational Use Survey

248	5	5/29/2021 10:24 AM
249	10	5/27/2021 10:38 PM
250	2	5/26/2021 11:16 PM
251	3	5/26/2021 12:30 PM
252	3	5/26/2021 12:08 PM
253	7	5/25/2021 8:22 PM
254	2	5/25/2021 12:55 PM
255	2	5/25/2021 9:29 AM
256	4	5/25/2021 6:47 AM
257	4	5/24/2021 7:18 PM
258	2	5/24/2021 5:24 PM
259	2	5/24/2021 2:59 PM
260	2	5/24/2021 2:46 PM
261	4	5/23/2021 7:23 PM
262	3	5/17/2021 2:07 PM
263	4	5/16/2021 8:47 AM
264	3	5/11/2021 12:25 PM
265	2	5/10/2021 3:16 PM
266	2	5/6/2021 11:09 AM
267	2	5/4/2021 8:53 PM
268	4	5/4/2021 12:29 PM
269	2	5/3/2021 9:13 PM
270	2	5/1/2021 7:57 PM
271	3	4/28/2021 10:45 PM
272	2	4/21/2021 8:50 AM
273	2	4/16/2021 9:12 PM
274	2	4/2/2021 8:54 AM
275	2	3/11/2021 11:36 AM
276	2	3/10/2021 4:50 PM
277	2	3/2/2021 1:43 PM
278	2	2/26/2021 4:26 PM
279	2	2/26/2021 9:39 AM
280	3	2/25/2021 6:25 PM
281	1	2/19/2021 3:42 PM
282	2	2/12/2021 6:40 AM
283	4	2/11/2021 5:14 PM
284	2	2/5/2021 7:24 AM
285	2	1/13/2021 9:01 AM

## Bishop Creek Reservoirs: Recreational Use Survey

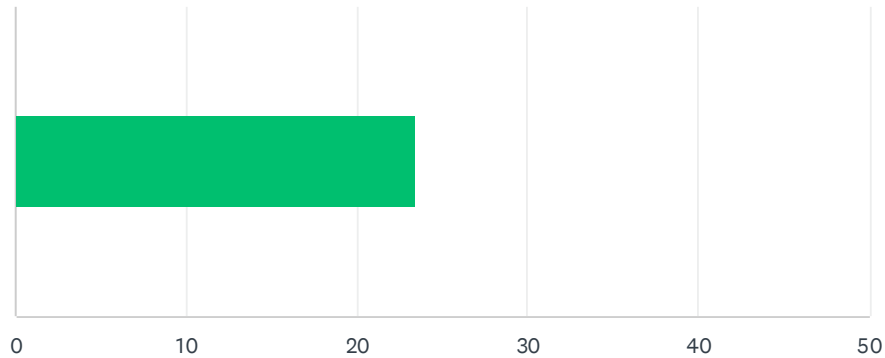
286	4	1/11/2021 2:22 PM
287	2	1/10/2021 9:40 PM
288	2	1/10/2021 7:02 PM
289	2	1/10/2021 6:16 PM
290	1	1/10/2021 5:31 PM
291	4	1/10/2021 4:54 PM
292	2	1/8/2021 6:17 PM
293	2	1/8/2021 3:50 PM
294	2	1/8/2021 11:39 AM
295	2	1/8/2021 9:53 AM
296	2	1/8/2021 9:47 AM
297	1	1/8/2021 7:54 AM
298	4	1/7/2021 10:58 PM
299	4	1/7/2021 10:20 PM
300	5	1/7/2021 8:47 PM
301	3	1/7/2021 8:30 PM
302	2	1/7/2021 8:05 PM
303	5	1/7/2021 7:52 PM
304	2	1/7/2021 7:30 PM
305	6	1/7/2021 7:22 PM
306	7	1/7/2021 7:20 PM
307	8	1/7/2021 7:08 PM
308	2	1/7/2021 7:00 PM
309	4	1/7/2021 6:57 PM
310	2	1/7/2021 6:52 PM
311	4	1/7/2021 6:07 PM
312	5	1/7/2021 6:02 PM
313	2	1/7/2021 6:01 PM
314	3	1/7/2021 4:55 PM
315	4	1/7/2021 4:55 PM
316	3	1/7/2021 4:53 PM
317	2	1/7/2021 4:32 PM
318	2	1/7/2021 4:27 PM
319	2	1/7/2021 4:26 PM
320	3	1/7/2021 4:20 PM
321	4	1/7/2021 4:19 PM
322	2	1/7/2021 4:18 PM
323	4	1/7/2021 4:18 PM

# Bishop Creek Reservoirs: Recreational Use Survey

324	4	12/23/2020 9:48 AM
325	4	12/21/2020 4:36 PM
326	2	12/19/2020 5:50 PM
327	1	12/16/2020 3:37 PM

## Q6 How many years have you been visiting the Bishop Creek Reservoirs?

Answered: 329 Skipped: 32



ANSWER CHOICES	AVERAGE NUMBER	TOTAL NUMBER	RESPONSES
	23	7,729	329
Total Respondents: 329			

#		DATE
1	4	12/4/2021 1:25 PM
2	30	11/24/2021 11:47 AM
3	39	11/10/2021 1:43 PM
4	20	11/10/2021 9:52 AM
5	25	11/10/2021 9:10 AM
6	15	11/9/2021 7:02 PM
7	40	11/9/2021 4:29 PM
8	16	11/9/2021 4:13 PM
9	20	11/9/2021 3:46 PM
10	40	11/9/2021 3:41 PM
11	21	11/6/2021 7:31 AM
12	40	10/21/2021 6:12 PM
13	40	10/8/2021 10:33 AM
14	40	10/3/2021 9:10 AM
15	1	10/3/2021 9:00 AM
16	35	10/2/2021 9:15 AM
17	40	9/28/2021 3:50 PM
18	31	9/28/2021 1:41 PM
19	33	9/27/2021 11:12 PM
20	13	9/26/2021 9:41 AM



## Bishop Creek Reservoirs: Recreational Use Survey

21	20	9/25/2021 2:34 PM
22	40	9/24/2021 1:37 PM
23	35	9/24/2021 11:48 AM
24	40	9/24/2021 9:19 AM
25	40	9/24/2021 5:17 AM
26	40	9/23/2021 8:20 PM
27	35	9/23/2021 1:46 PM
28	35	9/23/2021 9:34 AM
29	40	9/23/2021 8:01 AM
30	39	9/23/2021 7:03 AM
31	40	9/22/2021 10:19 PM
32	22	9/22/2021 9:46 PM
33	40	9/22/2021 9:33 PM
34	25	9/22/2021 7:14 PM
35	40	9/22/2021 6:54 PM
36	40	9/22/2021 6:33 PM
37	40	9/22/2021 6:21 PM
38	9	9/22/2021 3:30 PM
39	40	9/22/2021 3:00 PM
40	18	9/22/2021 2:26 PM
41	15	9/22/2021 12:28 PM
42	40	9/22/2021 11:52 AM
43	30	9/22/2021 11:11 AM
44	40	9/22/2021 9:56 AM
45	30	9/22/2021 9:02 AM
46	40	9/22/2021 9:02 AM
47	39	9/22/2021 8:28 AM
48	40	9/22/2021 8:05 AM
49	31	9/21/2021 11:26 PM
50	18	9/21/2021 9:44 PM
51	16	9/21/2021 9:21 PM
52	8	9/21/2021 9:05 PM
53	6	9/21/2021 8:57 PM
54	7	9/21/2021 8:21 PM
55	36	9/21/2021 6:56 PM
56	35	9/21/2021 6:01 PM
57	17	9/21/2021 5:54 PM
58	10	9/21/2021 5:42 PM

## Bishop Creek Reservoirs: Recreational Use Survey

59	40	9/21/2021 4:31 PM
60	25	9/21/2021 3:27 PM
61	35	9/20/2021 6:53 PM
62	40	9/20/2021 3:50 PM
63	35	9/20/2021 9:36 AM
64	20	9/19/2021 3:20 PM
65	26	9/19/2021 2:35 PM
66	39	9/19/2021 10:23 AM
67	20	9/19/2021 8:11 AM
68	40	9/19/2021 7:52 AM
69	20	9/19/2021 7:45 AM
70	8	9/18/2021 3:28 PM
71	40	9/18/2021 2:03 PM
72	40	9/18/2021 10:38 AM
73	36	9/18/2021 10:08 AM
74	40	9/18/2021 8:23 AM
75	40	9/17/2021 5:34 PM
76	35	9/16/2021 1:46 PM
77	10	9/16/2021 9:20 AM
78	33	9/15/2021 10:20 PM
79	32	9/15/2021 1:36 PM
80	12	9/15/2021 1:11 PM
81	21	9/15/2021 11:01 AM
82	40	9/14/2021 2:57 PM
83	20	9/14/2021 1:26 PM
84	40	9/14/2021 12:20 PM
85	25	9/14/2021 11:37 AM
86	33	9/14/2021 11:08 AM
87	5	9/14/2021 9:19 AM
88	8	9/13/2021 10:34 PM
89	25	9/13/2021 3:57 PM
90	20	9/13/2021 3:09 PM
91	17	9/13/2021 1:02 PM
92	30	9/13/2021 11:43 AM
93	26	9/13/2021 10:18 AM
94	28	9/12/2021 8:24 PM
95	38	9/12/2021 7:10 PM
96	35	9/12/2021 6:49 PM

## Bishop Creek Reservoirs: Recreational Use Survey

97	38	9/12/2021 4:08 PM
98	17	9/12/2021 2:36 PM
99	40	9/12/2021 1:53 PM
100	10	9/12/2021 12:37 PM
101	40	9/12/2021 12:29 PM
102	40	9/12/2021 10:15 AM
103	40	9/12/2021 8:35 AM
104	9	9/12/2021 8:03 AM
105	25	9/12/2021 7:06 AM
106	40	9/12/2021 6:47 AM
107	14	9/12/2021 6:35 AM
108	1	9/12/2021 6:15 AM
109	40	9/11/2021 11:48 PM
110	12	9/11/2021 10:36 PM
111	20	9/11/2021 9:44 PM
112	15	9/11/2021 9:35 PM
113	40	9/11/2021 9:15 PM
114	40	9/11/2021 9:09 PM
115	29	9/11/2021 9:06 PM
116	19	9/11/2021 8:32 PM
117	40	9/11/2021 8:32 PM
118	7	9/11/2021 7:47 PM
119	30	9/11/2021 7:31 PM
120	30	9/11/2021 7:20 PM
121	8	9/11/2021 6:09 PM
122	6	9/11/2021 5:24 PM
123	12	9/11/2021 5:04 PM
124	40	9/11/2021 4:50 PM
125	40	9/11/2021 4:43 PM
126	20	9/11/2021 3:38 PM
127	13	9/11/2021 3:31 PM
128	40	9/11/2021 1:31 PM
129	40	9/11/2021 1:23 PM
130	33	9/11/2021 1:04 PM
131	39	9/11/2021 12:34 PM
132	40	9/11/2021 9:43 AM
133	40	9/11/2021 9:13 AM
134	37	9/10/2021 4:49 AM

## Bishop Creek Reservoirs: Recreational Use Survey

135	20	9/5/2021 1:44 PM
136	35	9/4/2021 9:13 AM
137	11	9/1/2021 11:00 AM
138	26	8/31/2021 4:17 PM
139	40	8/31/2021 7:46 AM
140	20	8/31/2021 7:28 AM
141	16	8/31/2021 4:30 AM
142	40	8/30/2021 10:19 PM
143	20	8/24/2021 10:26 AM
144	7	8/23/2021 12:45 PM
145	40	8/23/2021 11:13 AM
146	7	8/23/2021 8:32 AM
147	32	8/23/2021 7:31 AM
148	23	8/22/2021 8:57 PM
149	40	8/21/2021 10:30 AM
150	12	8/18/2021 12:49 PM
151	10	8/18/2021 12:34 PM
152	4	8/16/2021 4:33 PM
153	10	8/16/2021 11:59 AM
154	2	8/15/2021 4:07 PM
155	6	8/13/2021 2:27 AM
156	30	8/11/2021 6:07 AM
157	3	8/10/2021 10:15 PM
158	6	8/8/2021 1:51 PM
159	1	8/8/2021 12:45 PM
160	14	8/7/2021 9:42 AM
161	20	8/7/2021 8:48 AM
162	30	8/6/2021 4:57 PM
163	40	8/6/2021 2:32 PM
164	20	8/6/2021 11:21 AM
165	40	8/5/2021 3:21 PM
166	15	8/5/2021 1:46 PM
167	1	8/5/2021 1:01 PM
168	40	8/5/2021 9:08 AM
169	12	8/3/2021 8:17 PM
170	40	7/25/2021 2:59 PM
171	22	7/18/2021 7:42 PM
172	28	7/18/2021 4:08 PM

## Bishop Creek Reservoirs: Recreational Use Survey

173	7	7/18/2021 2:14 PM
174	3	7/16/2021 3:01 PM
175	40	7/16/2021 2:40 PM
176	1	7/14/2021 10:00 PM
177	20	7/14/2021 5:39 PM
178	8	7/13/2021 6:15 PM
179	40	7/13/2021 11:28 AM
180	4	7/13/2021 12:52 AM
181	5	7/12/2021 5:46 PM
182	6	7/11/2021 9:50 PM
183	40	7/11/2021 3:55 PM
184	9	7/7/2021 2:53 PM
185	6	7/6/2021 9:56 PM
186	15	7/6/2021 8:56 PM
187	19	7/6/2021 7:31 PM
188	7	7/6/2021 6:36 PM
189	35	7/6/2021 4:15 PM
190	7	7/6/2021 7:21 AM
191	14	7/5/2021 4:02 PM
192	20	7/4/2021 6:50 PM
193	10	7/4/2021 12:31 PM
194	5	7/2/2021 7:42 AM
195	4	6/29/2021 9:10 PM
196	4	6/29/2021 8:59 PM
197	33	6/26/2021 2:50 PM
198	9	6/26/2021 2:30 PM
199	38	6/23/2021 3:20 PM
200	40	6/23/2021 1:50 PM
201	40	6/23/2021 12:46 PM
202	25	6/21/2021 2:59 PM
203	15	6/18/2021 6:50 PM
204	40	6/17/2021 2:06 PM
205	11	6/16/2021 2:18 PM
206	24	6/16/2021 12:41 PM
207	10	6/15/2021 4:24 PM
208	15	6/15/2021 8:58 AM
209	24	6/14/2021 10:04 PM
210	15	6/13/2021 7:03 PM

## Bishop Creek Reservoirs: Recreational Use Survey

211	1	6/13/2021 1:36 PM
212	9	6/12/2021 10:47 AM
213	30	6/12/2021 6:40 AM
214	15	6/11/2021 3:29 PM
215	15	6/10/2021 3:42 PM
216	15	6/10/2021 2:08 PM
217	30	6/10/2021 12:01 PM
218	20	6/10/2021 11:06 AM
219	16	6/9/2021 8:05 PM
220	40	6/9/2021 5:09 PM
221	15	6/8/2021 9:05 PM
222	36	6/8/2021 5:28 PM
223	40	6/8/2021 5:15 PM
224	6	6/8/2021 7:11 AM
225	38	6/8/2021 6:59 AM
226	5	6/7/2021 8:08 PM
227	30	6/7/2021 7:24 PM
228	10	6/7/2021 5:53 PM
229	15	6/7/2021 2:01 PM
230	10	6/7/2021 1:31 PM
231	20	6/7/2021 12:32 PM
232	7	6/7/2021 11:24 AM
233	21	6/6/2021 7:10 AM
234	5	6/5/2021 8:30 PM
235	1	6/4/2021 9:31 PM
236	4	6/4/2021 10:28 AM
237	40	6/2/2021 12:21 AM
238	29	6/1/2021 1:28 PM
239	25	6/1/2021 11:36 AM
240	9	6/1/2021 12:18 AM
241	3	5/31/2021 6:27 PM
242	25	5/31/2021 5:34 PM
243	1	5/30/2021 8:29 AM
244	22	5/30/2021 7:57 AM
245	23	5/29/2021 5:06 PM
246	3	5/29/2021 5:00 PM
247	40	5/29/2021 10:45 AM
248	40	5/29/2021 10:24 AM

## Bishop Creek Reservoirs: Recreational Use Survey

249	17	5/27/2021 10:38 PM
250	1	5/26/2021 11:16 PM
251	10	5/26/2021 12:30 PM
252	10	5/26/2021 12:08 PM
253	36	5/25/2021 8:22 PM
254	30	5/25/2021 12:55 PM
255	2	5/25/2021 9:29 AM
256	38	5/25/2021 6:47 AM
257	30	5/24/2021 7:18 PM
258	40	5/24/2021 5:24 PM
259	40	5/24/2021 2:59 PM
260	30	5/24/2021 2:46 PM
261	15	5/23/2021 7:23 PM
262	3	5/17/2021 2:07 PM
263	20	5/16/2021 8:47 AM
264	8	5/11/2021 12:25 PM
265	40	5/10/2021 3:16 PM
266	30	5/9/2021 11:21 PM
267	2	5/6/2021 11:09 AM
268	40	5/4/2021 8:53 PM
269	2	5/4/2021 12:29 PM
270	40	5/3/2021 9:13 PM
271	10	5/1/2021 7:57 PM
272	14	4/28/2021 10:45 PM
273	35	4/21/2021 8:50 AM
274	17	4/16/2021 9:12 PM
275	5	4/2/2021 8:54 AM
276	20	3/11/2021 11:36 AM
277	35	3/10/2021 4:50 PM
278	12	3/2/2021 1:43 PM
279	12	2/26/2021 4:26 PM
280	27	2/26/2021 9:39 AM
281	24	2/25/2021 6:25 PM
282	15	2/19/2021 3:42 PM
283	40	2/12/2021 6:40 AM
284	20	2/11/2021 5:14 PM
285	40	2/5/2021 7:24 AM
286	40	1/13/2021 9:01 AM

## Bishop Creek Reservoirs: Recreational Use Survey

287	30	1/11/2021 2:22 PM
288	35	1/10/2021 9:40 PM
289	15	1/10/2021 7:02 PM
290	40	1/10/2021 6:16 PM
291	25	1/10/2021 5:31 PM
292	40	1/10/2021 4:54 PM
293	5	1/8/2021 7:54 PM
294	40	1/8/2021 6:17 PM
295	40	1/8/2021 3:50 PM
296	9	1/8/2021 11:39 AM
297	2	1/8/2021 9:53 AM
298	8	1/8/2021 9:47 AM
299	25	1/8/2021 7:54 AM
300	30	1/7/2021 10:58 PM
301	3	1/7/2021 10:20 PM
302	40	1/7/2021 8:47 PM
303	19	1/7/2021 8:30 PM
304	6	1/7/2021 8:05 PM
305	30	1/7/2021 7:52 PM
306	32	1/7/2021 7:30 PM
307	20	1/7/2021 7:22 PM
308	10	1/7/2021 7:20 PM
309	19	1/7/2021 7:08 PM
310	3	1/7/2021 7:00 PM
311	8	1/7/2021 6:57 PM
312	6	1/7/2021 6:52 PM
313	6	1/7/2021 6:07 PM
314	30	1/7/2021 6:02 PM
315	25	1/7/2021 6:01 PM
316	21	1/7/2021 4:55 PM
317	37	1/7/2021 4:55 PM
318	16	1/7/2021 4:53 PM
319	12	1/7/2021 4:32 PM
320	40	1/7/2021 4:27 PM
321	3	1/7/2021 4:26 PM
322	5	1/7/2021 4:20 PM
323	36	1/7/2021 4:19 PM
324	13	1/7/2021 4:18 PM

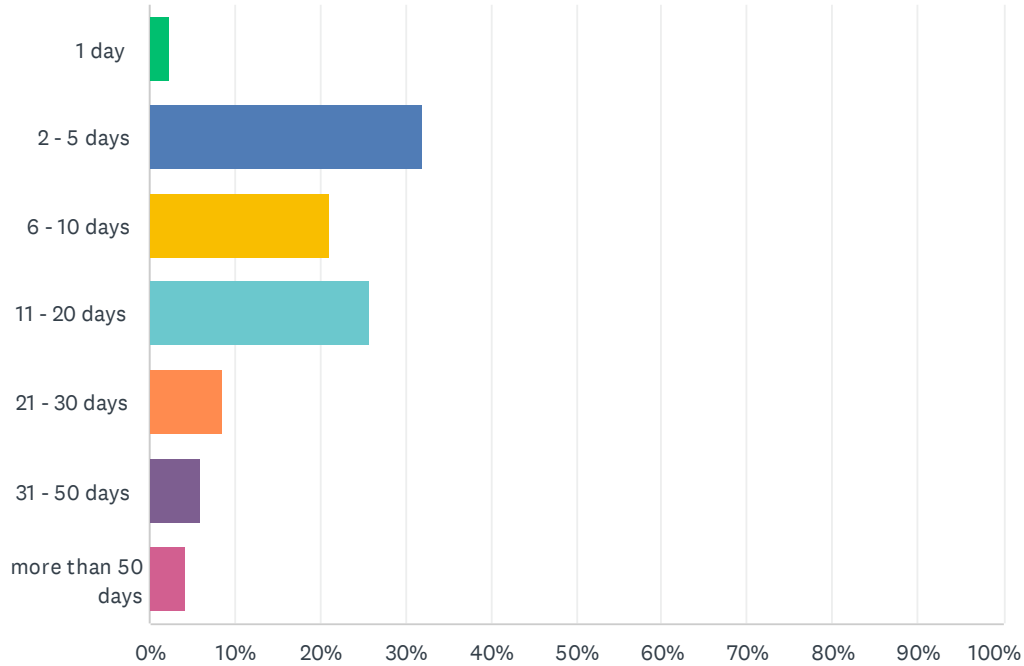


## Bishop Creek Reservoirs: Recreational Use Survey

325	40	1/7/2021 4:18 PM
326	16	12/23/2020 9:48 AM
327	30	12/21/2020 4:36 PM
328	4	12/19/2020 5:50 PM
329	40	12/16/2020 3:37 PM

## Q7 In general, how many days per year do you visit the Bishop Creek Reservoirs?

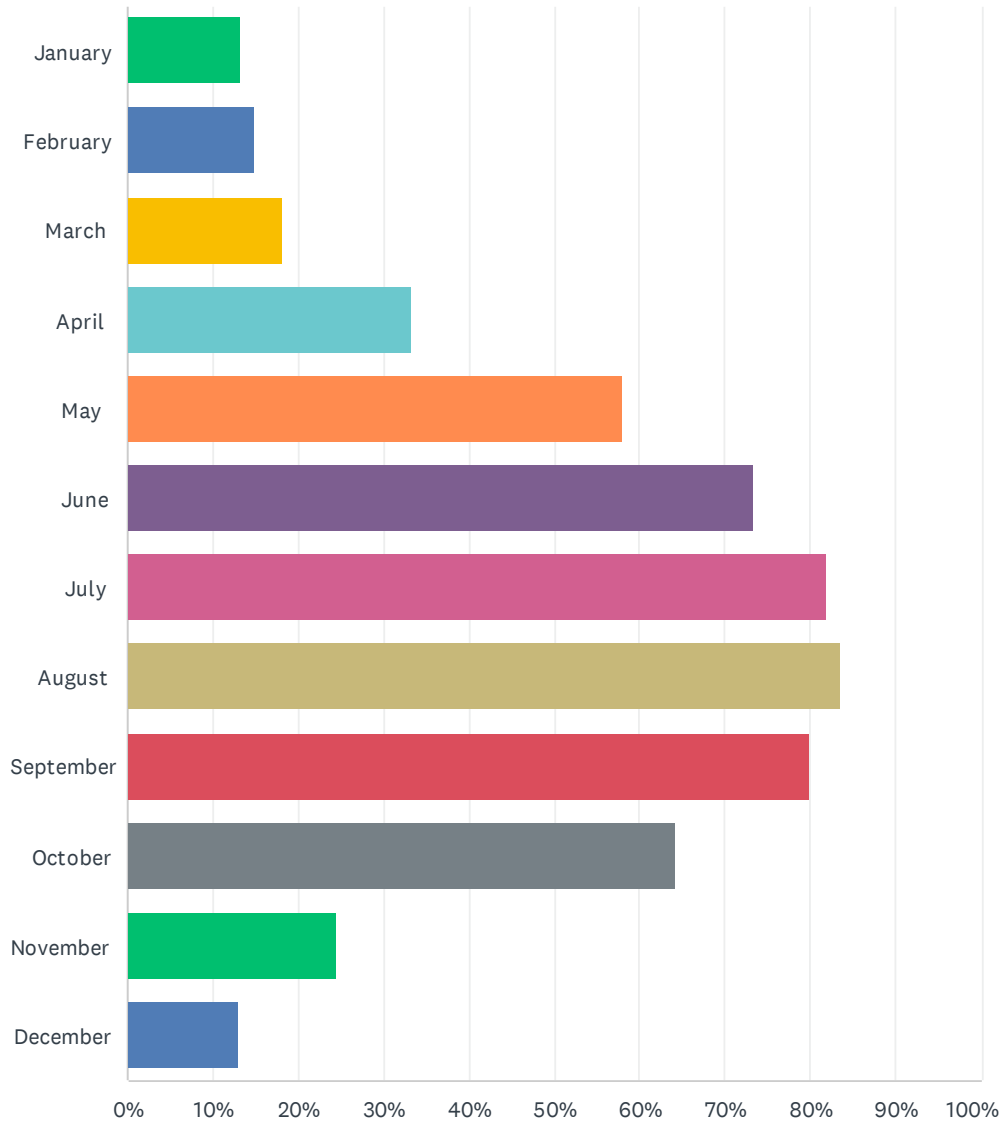
Answered: 332 Skipped: 29



ANSWER CHOICES	RESPONSES	
1 day	2.41%	8
2 - 5 days	31.93%	106
6 - 10 days	21.08%	70
11 - 20 days	25.90%	86
21 - 30 days	8.43%	28
31 - 50 days	6.02%	20
more than 50 days	4.22%	14
<b>TOTAL</b>		<b>332</b>

### Q8 During which months do you typically visit the Bishop Creek Reservoirs? (Select all that apply)

Answered: 333 Skipped: 28

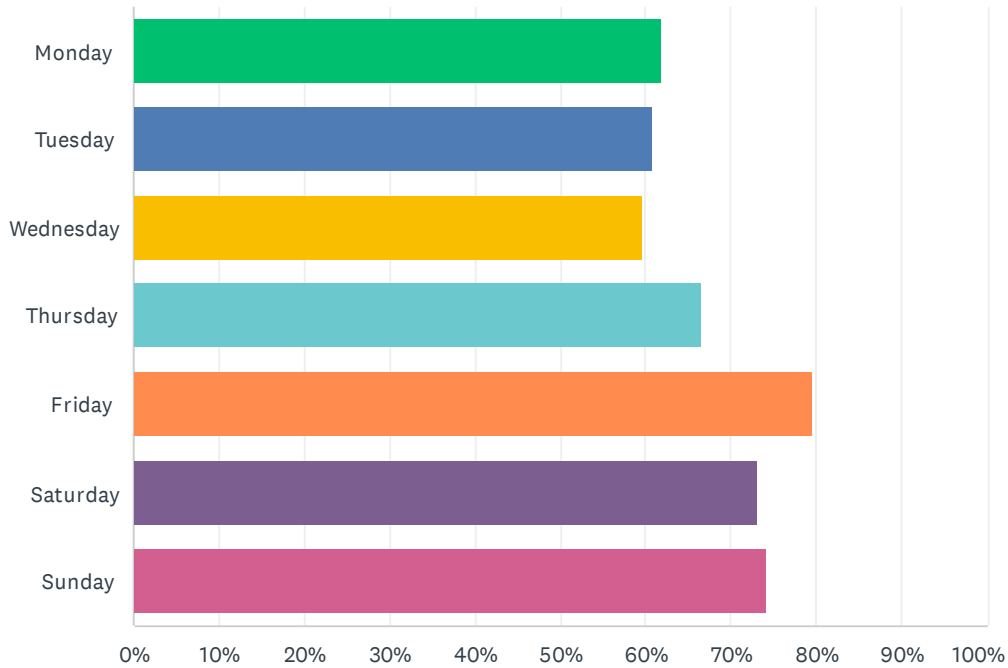


## Bishop Creek Reservoirs: Recreational Use Survey

ANSWER CHOICES	RESPONSES	
January	13.21%	44
February	15.02%	50
March	18.02%	60
April	33.33%	111
May	57.96%	193
June	73.27%	244
July	81.98%	273
August	83.48%	278
September	79.88%	266
October	64.26%	214
November	24.62%	82
December	12.91%	43
Total Respondents: 333		

### Q9 What day(s) of the week do you typically visit the Bishop Creek Reservoirs? (Select all that apply)

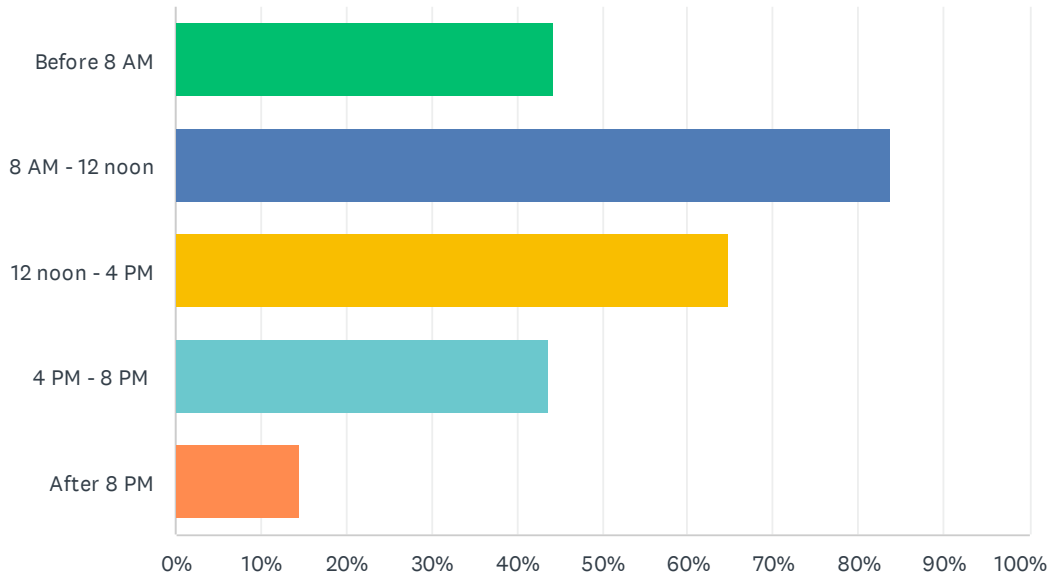
Answered: 332 Skipped: 29



ANSWER CHOICES	RESPONSES
Monday	61.75% 205
Tuesday	60.84% 202
Wednesday	59.64% 198
Thursday	66.57% 221
Friday	79.52% 264
Saturday	73.19% 243
Sunday	74.10% 246
Total Respondents: 332	

### Q10 What time(s) of day do you most like to visit the Bishop Creek Reservoirs? (Select all that apply)

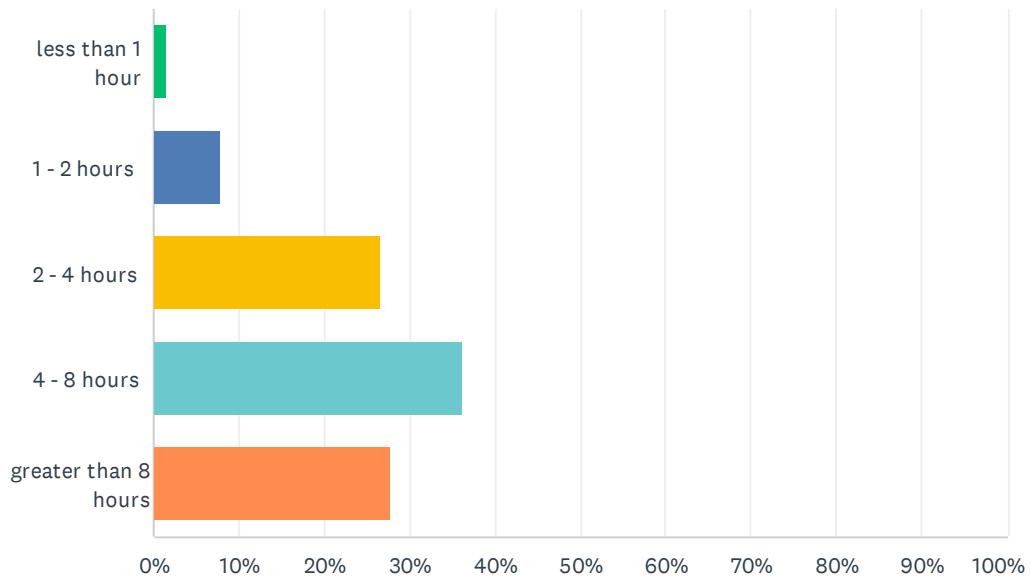
Answered: 332 Skipped: 29



ANSWER CHOICES	RESPONSES
Before 8 AM	44.28% 147
8 AM - 12 noon	83.73% 278
12 noon - 4 PM	64.76% 215
4 PM - 8 PM	43.67% 145
After 8 PM	14.46% 48
Total Respondents: 332	

### Q11 On average, how long (hours) is a typical visit?

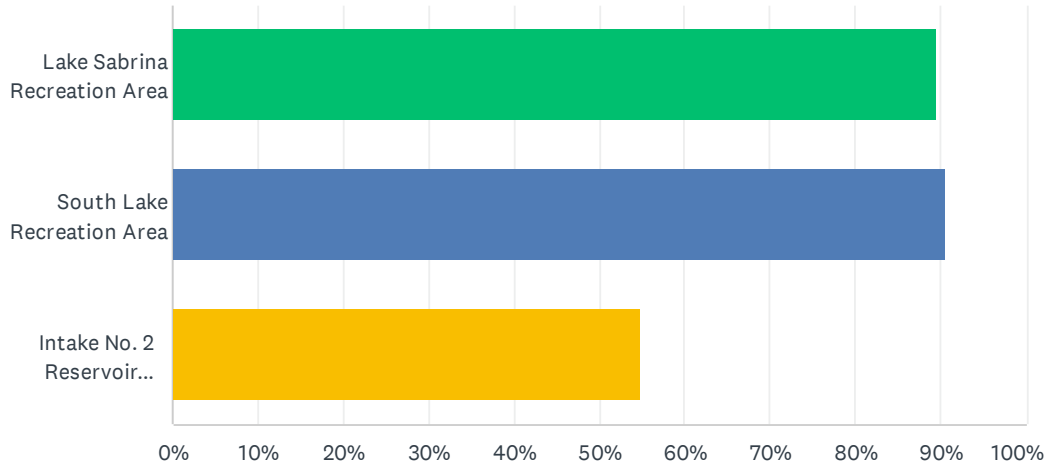
Answered: 331 Skipped: 30



ANSWER CHOICES	RESPONSES	
less than 1 hour	1.51%	5
1 - 2 hours	7.85%	26
2 - 4 hours	26.59%	88
4 - 8 hours	36.25%	120
greater than 8 hours	27.79%	92
<b>TOTAL</b>		<b>331</b>

Q12 The Inyo National Forest maintains a number of developed day use sites at each Bishop Creek Reservoirs recreation area. Using the map below, please indicate at which recreation area(s) you have recreated.  
(Select all that apply)

Answered: 323 Skipped: 38

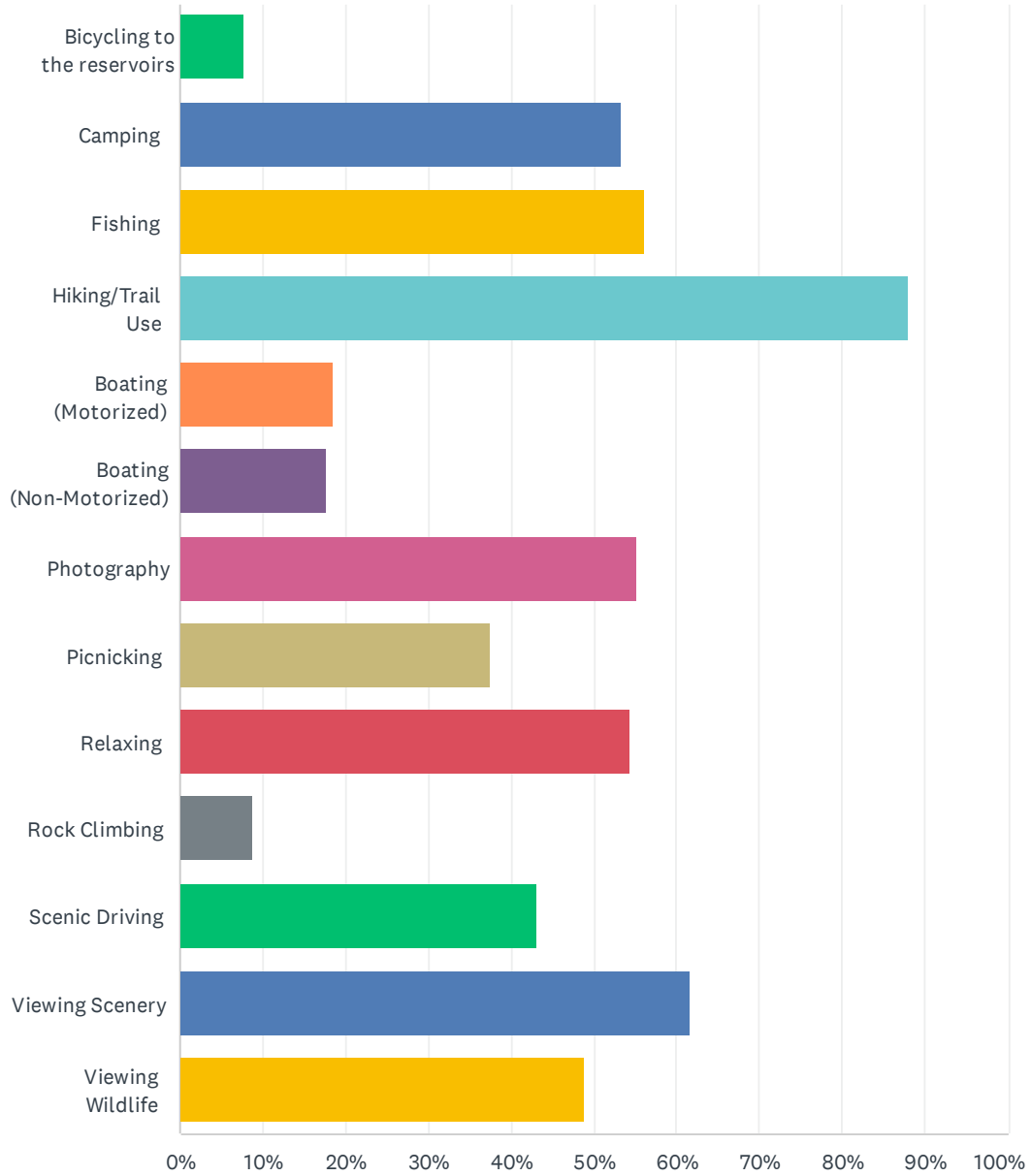


ANSWER CHOICES	RESPONSES	
Lake Sabrina Recreation Area	89.47%	289
South Lake Recreation Area	90.71%	293
Intake No. 2 Reservoir Recreation Area	54.80%	177
Total Respondents: 323		



### Q13 What type of recreational activities do you pursue at the Bishop Creek Reservoirs? (Select all that apply)

Answered: 328 Skipped: 33



## Bishop Creek Reservoirs: Recreational Use Survey

ANSWER CHOICES	RESPONSES	
Bicycling to the reservoirs	7.62%	25
Camping	53.35%	175
Fishing	56.10%	184
Hiking/Trail Use	88.11%	289
Boating (Motorized)	18.60%	61
Boating (Non-Motorized)	17.68%	58
Photography	55.18%	181
Picnicking	37.50%	123
Relaxing	54.27%	178
Rock Climbing	8.84%	29
Scenic Driving	42.99%	141
Viewing Scenery	61.59%	202
Viewing Wildlife	48.78%	160
Total Respondents: 328		

#	OTHER (PLEASE SPECIFY)	DATE
1	Hunting	11/10/2021 9:57 AM
2	Walking dogs	11/9/2021 7:03 PM
3	backcountry skiing, ice skating	9/25/2021 2:35 PM
4	Leaf peeping	9/23/2021 9:35 AM
5	mountain biking	9/23/2021 8:02 AM
6	Traditional gathering	9/22/2021 9:48 PM
7	Dog walks.	9/22/2021 7:15 PM
8	OHV access across from Intake 2	9/22/2021 6:55 PM
9	horseback riding at the pack station	9/22/2021 2:26 PM
10	Sledding	9/21/2021 8:57 PM
11	Walking the dog	9/18/2021 2:04 PM
12	Backpacking	9/18/2021 10:08 AM
13	Float tubes	9/17/2021 5:35 PM
14	We're creek fisherman !	9/14/2021 12:21 PM
15	I only fish the streams, not the lakes	9/13/2021 3:10 PM
16	Shooting	9/12/2021 7:06 AM
17	Hiking with dogs	9/11/2021 7:48 PM
18	skiing across reservoirs when they are frozen	9/1/2021 11:01 AM
19	Cross country skiing	8/23/2021 11:14 AM
20	Swimming	8/13/2021 2:28 AM

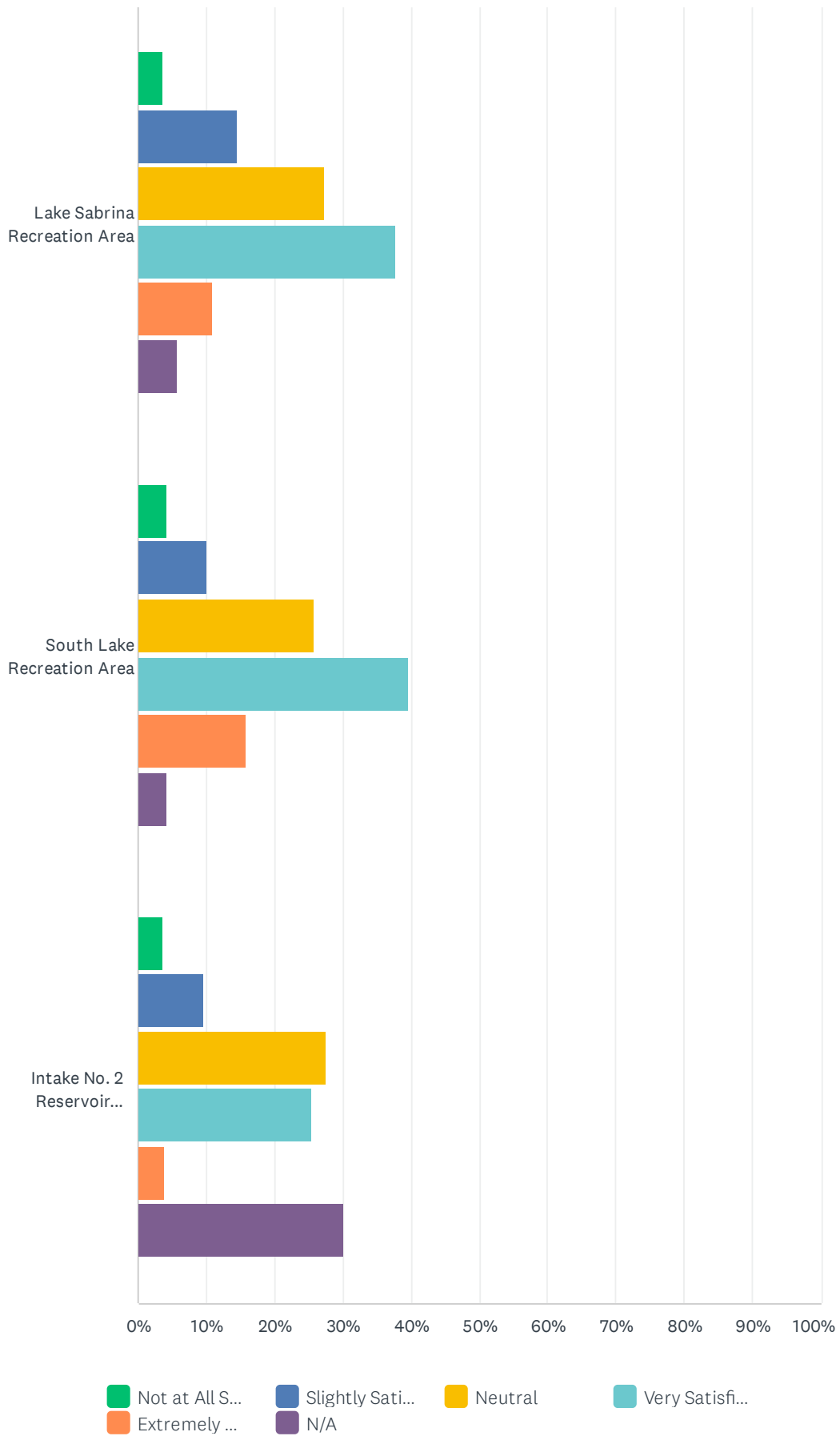
## Bishop Creek Reservoirs: Recreational Use Survey

21	X-c skiing	7/14/2021 5:40 PM
22	backpacking	7/4/2021 6:51 PM
23	BC ski	6/16/2021 2:18 PM
24	peak climbing, backpacking	6/15/2021 8:59 AM
25	Sledding and cross country skiing	6/10/2021 11:07 AM
26	Skiing	6/8/2021 7:12 AM
27	Multi-day backpacking primarily	6/7/2021 5:54 PM
28	backpacking	6/6/2021 7:10 AM
29	Backpacking	5/31/2021 6:28 PM
30	Accessing the Backcountry	5/30/2021 7:58 AM
31	swimming	5/9/2021 11:22 PM
32	Snow shoe, skiing	4/2/2021 8:55 AM
33	Hunting...bear, deer, upland game	1/13/2021 9:02 AM
34	Geological studies	1/10/2021 4:54 PM
35	Skiing (winter)	1/8/2021 11:39 AM
36	Ice skating and cross country skiing	1/7/2021 8:31 PM
37	Starting point for backpacking trips	1/7/2021 4:58 PM
38	Skiing	1/7/2021 4:19 PM
39	Skiing	12/19/2020 5:50 PM

Q14 For the recreation areas that have you used, how would you rate your overall satisfaction with the facilities at those day use sites? (Select all that apply)

Answered: 306 Skipped: 55

# Bishop Creek Reservoirs: Recreational Use Survey



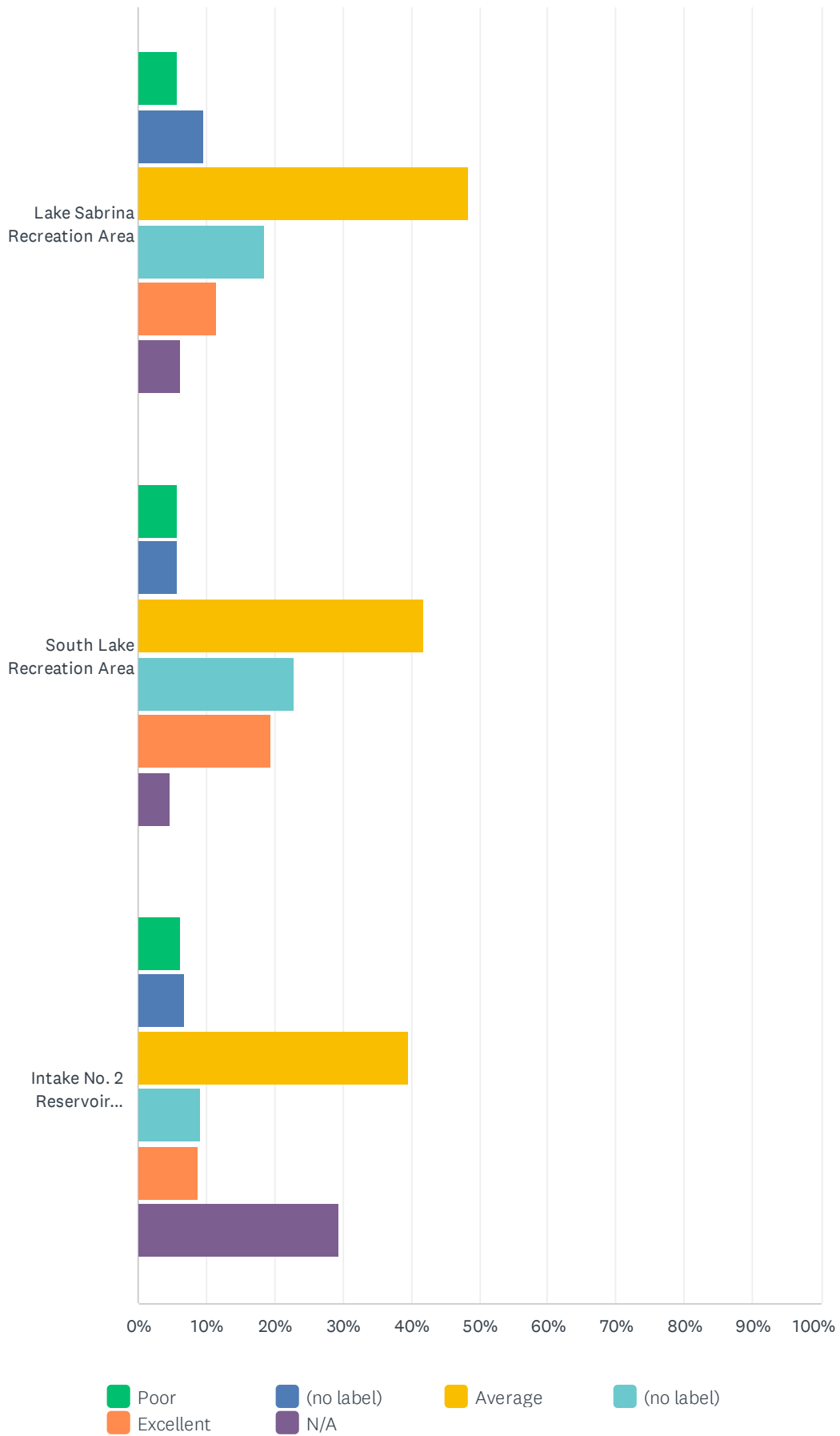
Bishop Creek Reservoirs: Recreational Use Survey

	NOT AT ALL SATISFIED	SLIGHTLY SATISFIED	NEUTRAL	VERY SATISFIED	EXTREMELY SATISFIED	N/A	TOTAL	WEIGHTED AVERAGE
Lake Sabrina Recreation Area	3.72% 11	14.53% 43	27.36% 81	37.84% 112	10.81% 32	5.74% 17	296	3.40
South Lake Recreation Area	4.36% 13	10.07% 30	25.84% 77	39.60% 118	15.77% 47	4.36% 13	298	3.55
Intake No. 2 Reservoir Recreation Area	3.53% 10	9.54% 27	27.56% 78	25.44% 72	3.89% 11	30.04% 85	283	3.24

Q15 For the recreation areas that have you used, how would you rate the overall condition of the facilities at those day use sites? (Select all that apply)

Answered: 306 Skipped: 55

# Bishop Creek Reservoirs: Recreational Use Survey



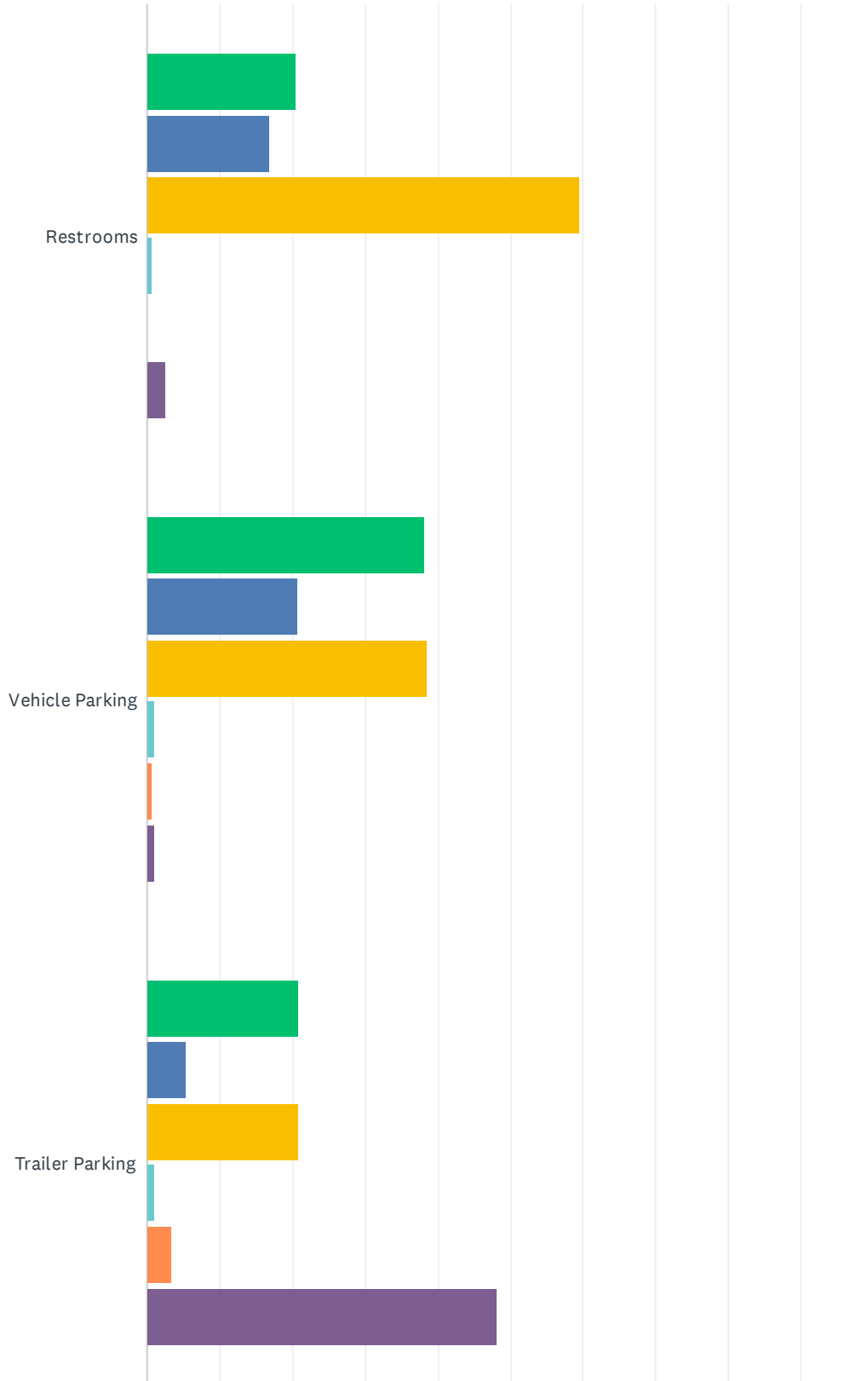


## Bishop Creek Reservoirs: Recreational Use Survey

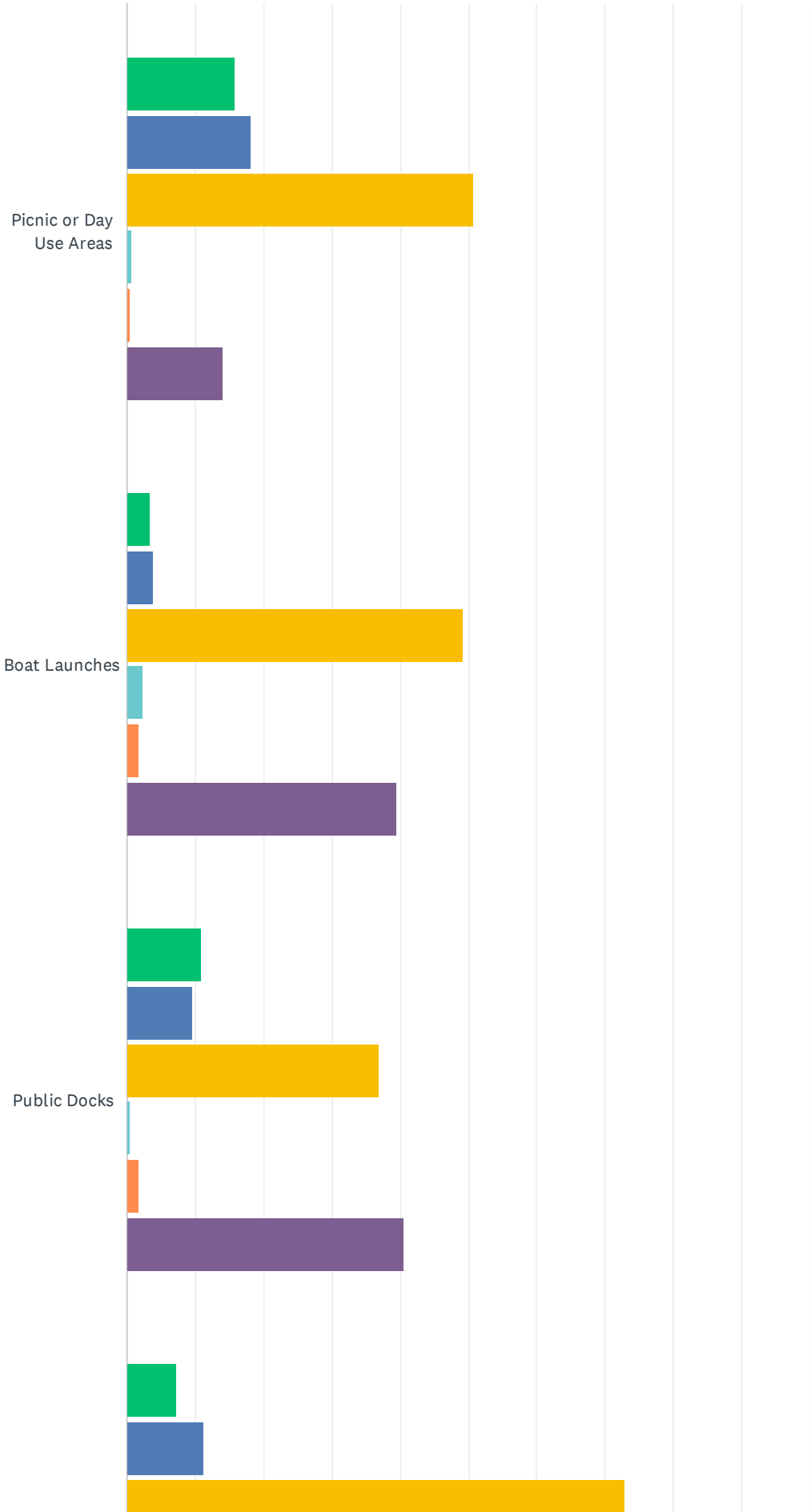
	POOR	(NO LABEL)	AVERAGE	(NO LABEL)	EXCELLENT	N/A	TOTAL	WEIGHTED AVERAGE
Lake Sabrina Recreation Area	5.76% 17	9.49% 28	48.47% 143	18.64% 55	11.53% 34	6.10% 18	295	3.22
South Lake Recreation Area	5.69% 17	5.69% 17	41.81% 125	22.74% 68	19.40% 58	4.68% 14	299	3.47
Intake No. 2 Reservoir Recreation Area	6.18% 17	6.91% 19	39.64% 109	9.09% 25	8.73% 24	29.45% 81	275	3.10

### Q16 In your experience, how would you rate the number of existing day use facilities at the Bishop Creek Reservoirs? (Select all that apply)

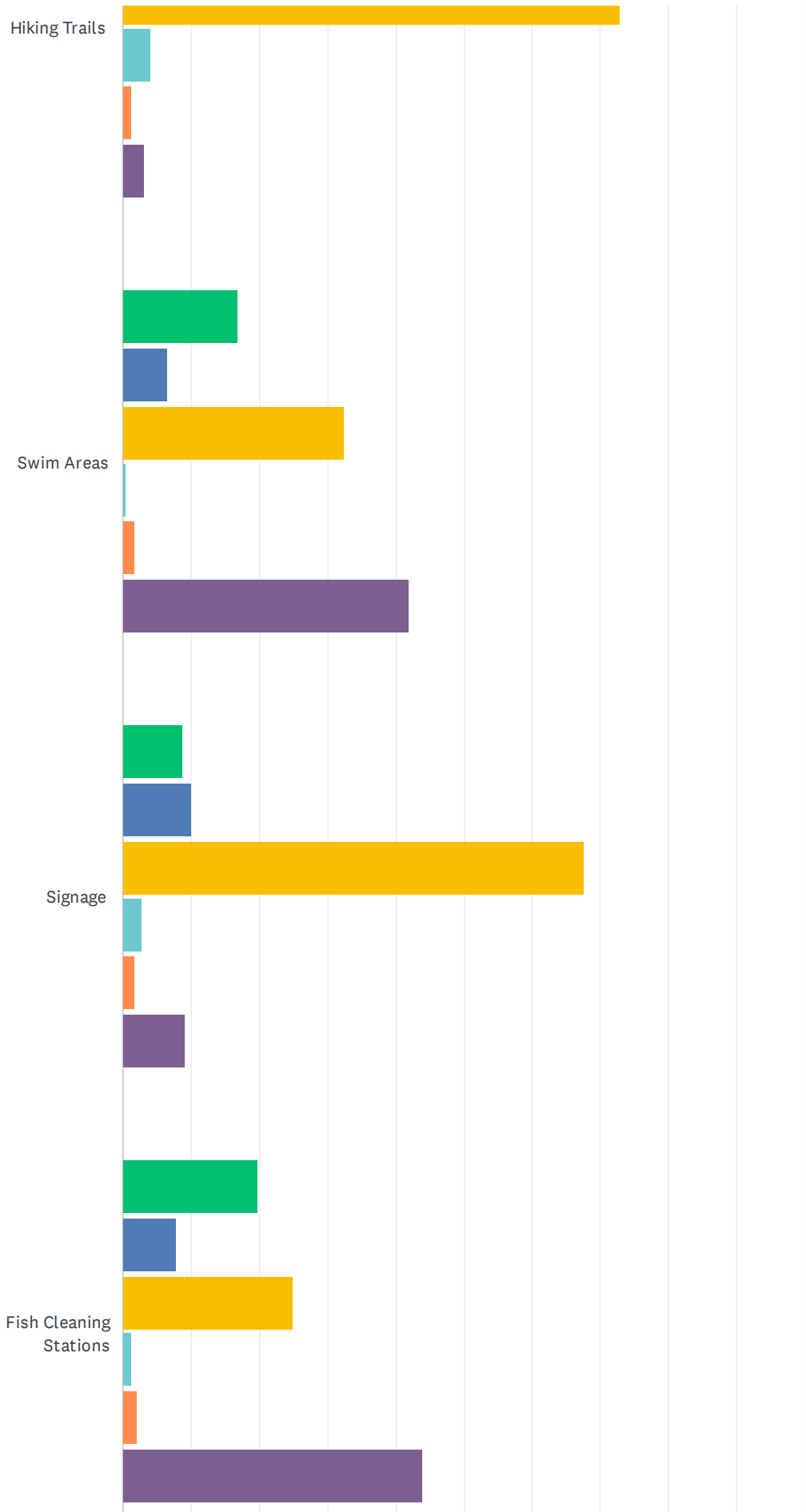
Answered: 307 Skipped: 54



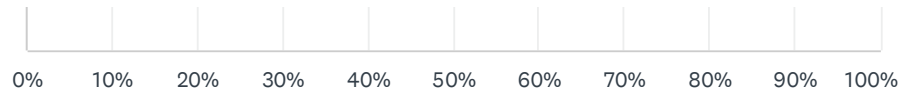
# Bishop Creek Reservoirs: Recreational Use Survey



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## Bishop Creek Reservoirs: Recreational Use Survey



	TOO FEW	(NO LABEL)	ABOUT RIGHT	(NO LABEL)	TOO MANY	N/A	TOTAL	WEIGHTED AVERAGE
Restrooms	20.39% 62	16.78% 51	59.54% 181	0.66% 2	0.00% 0	2.63% 8	304	2.42
Vehicle Parking	38.24% 117	20.59% 63	38.56% 118	0.98% 3	0.65% 2	0.98% 3	306	2.04
Trailer Parking	20.98% 60	5.24% 15	20.98% 60	1.05% 3	3.50% 10	48.25% 138	286	2.24
Picnic or Day Use Areas	15.82% 47	18.18% 54	50.84% 151	0.67% 2	0.34% 1	14.14% 42	297	2.44
Boat Launches	3.42% 10	3.77% 11	49.32% 144	2.40% 7	1.71% 5	39.38% 115	292	2.92
Public Docks	10.92% 31	9.51% 27	36.97% 105	0.35% 1	1.76% 5	40.49% 115	284	2.54
Hiking Trails	7.26% 22	11.22% 34	72.94% 221	3.96% 12	1.32% 4	3.30% 10	303	2.80
Swim Areas	16.90% 49	6.55% 19	32.41% 94	0.34% 1	1.72% 5	42.07% 122	290	2.37
Signage	8.75% 26	10.10% 30	67.68% 201	2.69% 8	1.68% 5	9.09% 27	297	2.76
Fish Cleaning Stations	19.72% 57	7.96% 23	24.91% 72	1.38% 4	2.08% 6	43.94% 127	289	2.25

#	OTHER (PLEASE SPECIFY)	DATE
1	The roads need wider shoulders for cycling in some areas.	11/24/2021 11:52 AM
2	Water in all is too low, too much water is being drained	11/9/2021 4:15 PM
3	at peak use times, South Lake and Sabrina could use more parking	11/6/2021 7:37 AM
4	don't build more, it will become (more) over crowded	9/24/2021 9:23 AM
5	South Lake needs more parking	9/23/2021 9:41 AM
6	Mountain biking staging area and continuous trails.	9/23/2021 8:07 AM
7	Need OHV connector to Buttermilk area from campgrounds!!!!	9/22/2021 6:58 PM
8	Can't access boat launches when water is so low	9/19/2021 8:16 AM
9	Water levels at Sabrina drained far too low	9/12/2021 6:52 PM
10	Need more trash cans	9/12/2021 12:40 PM
11	Not enough car parking	9/11/2021 6:11 PM
12	Crowds	8/31/2021 4:37 AM
13	It is hard to quantify the number of facilities needed when the current condition of facilities is so poor. i.e Boat ramps are horrible and have safety issues. Restrooms are in disrepair.	6/23/2021 3:27 PM

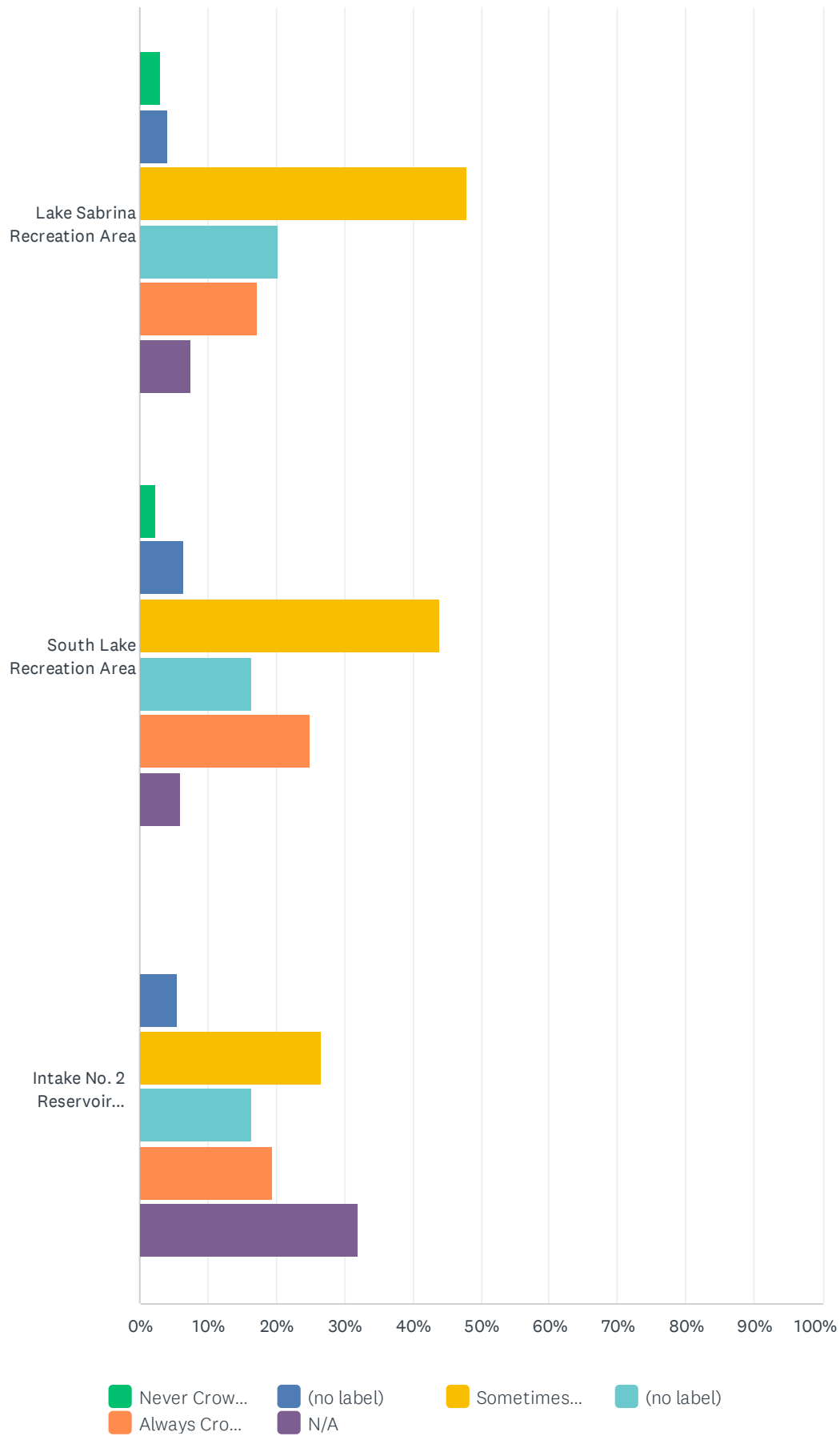
## Bishop Creek Reservoirs: Recreational Use Survey

14	Stocking has been inadequate for the past few years	6/16/2021 12:50 PM
15	Not enough overnight parking at South Lake. Overflow overnight parking too far from trailhead.	6/7/2021 5:59 PM
16	Bear resistant food storage lockers: not enough of them and they are often broken.	5/27/2021 10:43 PM
17	Sabrina fish cleaning closed	5/4/2021 9:00 PM
18	Please make more trails!	1/8/2021 7:59 PM
19	More parking at south lake for kayakers, fisherman	1/8/2021 3:58 PM
20	No backpacker camping at trailheads.	1/7/2021 4:22 PM

Q17 In general, for your combined trips to day use sites at the Bishop Creek Reservoirs, how crowded do you feel at the following locations?  
(Rate one per row)

Answered: 307 Skipped: 54

# Bishop Creek Reservoirs: Recreational Use Survey





## Bishop Creek Reservoirs: Recreational Use Survey

	NEVER CROWDED	(NO LABEL)	SOMETIMES CROWDED	(NO LABEL)	ALWAYS CROWDED	N/A	TOTAL	WEIGHTED AVERAGE
Lake Sabrina Recreation Area	3.04% 9	4.05% 12	47.97% 142	20.27% 60	17.23% 51	7.43% 22	296	3.48
South Lake Recreation Area	2.33% 7	6.33% 19	44.00% 132	16.33% 49	25.00% 75	6.00% 18	300	3.59
Intake No. 2 Reservoir Recreation Area	0.00% 0	5.61% 16	26.67% 76	16.49% 47	19.30% 55	31.93% 91	285	3.73

## Q18 Please provide any additional detail on how we can improve day use opportunities at the Bishop Creek Reservoirs.

Answered: 140 Skipped: 221

#	RESPONSES	DATE
1	Extended shuttle hours between South Lake and Lake Sabrina.	11/24/2021 11:52 AM
2	Needs more water	11/9/2021 4:33 PM
3	Leave more water!!	11/9/2021 4:15 PM
4	Repair restrooms, bear lockers.	10/21/2021 6:18 PM
5	Road & parking at intake are terrible...not necessary to pave, but grading and drainage improvement would be nice	10/3/2021 9:14 AM
6	Need more overnight parking closer to trailhead for Sabrina	10/2/2021 9:18 AM
7	Please don't plow the road to south lake in the spring if the road is not going to be open for vehicles. I go up there to backcountry ski and would much rather ski the road than have to walk behind a locked gate/chain to get to the snow.	9/25/2021 2:41 PM
8	Better cared for rest rooms, especially at Sabrina.	9/24/2021 1:40 PM
9	More fire restrictions to reduce human impact on forest lands.	9/24/2021 5:21 AM
10	Overnight backpack parking closer to TH for Lake Sabrina. More options for transportation (more bus routes for example) from Bishop to and from the reservoirs	9/23/2021 8:38 PM
11	Have someone pick up trash at Intake 2 more often. I have to do it myself every time we go.	9/23/2021 9:41 AM
12	Parking is needed for designated day-use and hiking trail access. Provide using existing or provide new, continuous multi-use trail throughout canyons, connecting campgrounds, reservoirs, and facilities.	9/23/2021 8:07 AM
13	Stock more fish!	9/22/2021 9:36 PM
14	Provide legal OHV access to adjoining trail systems, Coyote flats and Buttermilks.	9/22/2021 6:58 PM
15	cut down the reserve camping and enlarge the parking lots at the lakes as well as abolish the hundred year water agreement with dwp so the lakes stay full and useable via boating	9/22/2021 6:25 PM
16	More day use areas, ex...picnic and a place to relax and enjoy the scenery.	9/22/2021 3:06 PM
17	need more places to ride horses, park trailers	9/22/2021 2:28 PM
18	more parking at south lake, more water for longer boat season.	9/22/2021 11:14 AM
19	Keep open.	9/22/2021 10:02 AM
20	Would like to see the area better developed, more accessible with signage that is updated and clear.	9/22/2021 9:05 AM
21	Comparing to other states such as Utah, the facilities on Bishop Creek and Eastern Sierra as a whole are subpar.	9/22/2021 8:10 AM
22	Better parking more restrooms	9/21/2021 9:50 PM
23	Stop attracting more and more people with fussy stuff. It's a goddamn Disneyland up there now.	9/21/2021 8:23 PM
24	Add more parking.	9/21/2021 6:27 PM
25	Stock more big fish	9/21/2021 6:04 PM
26	Provide first access to locals	9/21/2021 5:57 PM

## Bishop Creek Reservoirs: Recreational Use Survey

27	I am not a day user per se but when many come for the Fall Colors, there isn't enough parking at Sabrina. Even with the overflow parking, it can be quite chaotic. Add in the fact that the lakes are incredibly low this year takes away from the experience.	9/20/2021 9:40 AM
28	The main areas to improve are trails, particularly loop and trails from Bishop, and docks at boat ramps. Convict Lake, for example, serves many visitors in part because of the trail around the lake. All three larger Bishop Creek reservoirs should have improved trails around the lakes. At Intake 2, there is a trail in place though it is not maintained or signed. At Lake Sabrina, there is a route around lake near lake level that could be reasonably improved to a maintained trail. This trail would have significantly more ups and downs than the Convict Lake trail but still could serve a similar purpose. In addition to a new trail constructed on the route around Lake Sabrina, there is an existing well-built but not maintained trail that climbs up along the northwest side of the lake up in to the basin. This trail ends near where the outlet of Blue Lake meets the main branch of the Middle Fork of Bishop Creek. This trail should be cleared and extended to meet the current trail between Blue Lake and Emerald Lakes to create another loop and an opportunity for a variety of hiking routes in the Basin. South Lake would also benefit from a trail around the lake though construction here could be more difficult. A "Bishop Creek Canyon Trail" should be established between the community of Bishop and the reservoirs using DWP, SCE, and public lands on existing and new trails, and existing and abandoned roads. Improved crossings (bridges) should be provided across the creek to access the Little Egypt and areas west. Less money should be put into minor rerouting of existing trails (that, I am sorry to say, 90% of the time degrade the trail in terms of efficiency and enjoyment) and that money should be directed to trail maintenance and reestablishing historical trails. A trail should be established on the flow line between the South Fork and Intake 2. A trail should be established between the Forks Campground and the high point in the middle of the canyon. The boat ramps at Lake Sabrina and South Lake could be extended, if feasible, to be usable at low water levels. The boat ramps should have public docks so boats can be safely left while trailers are being parked. (Speaking of Convict Lake, this also applies there)	9/19/2021 8:59 AM
29	Either create a new path to launch boats, or keep water levels higher	9/19/2021 8:16 AM
30	More parking or support more shuttles.	9/19/2021 7:47 AM
31	More day use and overnight parking at Lake Sabrina trailhead. Maybe it doesn't apply here, but an uphill bike lane from Bishop to Lake Sabrina would be awesome, like the Rock Creek road from Tom's Place to Rock Creek Lake. It's very dangerous biking up State Highway 168.	9/18/2021 3:36 PM
32	The last couple of years there has been a huge increase in the number of people in the area, and I am very concerned about natural resource damage. People are sometimes parking by driving off the road and onto the side where there is obviously not a legal parking place, damaging plants and eroding soil. Parking must be enforced, and I hate to say it but it might be time for permitted parking. Also, so many people using paths and trails for day use that it is often no longer enjoyable to be there. And there has been a great increase in trash. There needs to be a targeted program to get people to use restrooms, put trash in containers, etc.	9/18/2021 2:12 PM
33	I also have lived in Bishop for 56 years.	9/18/2021 10:43 AM
34	Need more parking for sure	9/18/2021 10:11 AM
35	Improve lake conditions and provide more seasonal water capacity instead of feeding out waters to the City of Los Angeles. Maintain water conditions.	9/18/2021 8:30 AM
36	Better maintain facilities. Ensure water flow is sufficient Do not drain the lakes and continually ruin the fishery	9/15/2021 10:24 PM
37	Restrict cranky old fishermen. ;)	9/15/2021 1:41 PM
38	More parking at South Lake.	9/15/2021 11:03 AM
39	Restrooms often overloaded w trash and have doors that don't lock. More shade and fish cleaning areas would help. Thanks!	9/14/2021 1:35 PM
40	Manage waterflow in the creeks with a little consideration for the fisherman. I know there's a greater importance. We don't fish at night and white water would be fine at this time. I would hope the gates for the big pipes are not tied into the flow of the creeks. Thanks .....Rob Gove	9/14/2021 12:34 PM
41	More shade spots to fish, more spots just for handicap people	9/14/2021 9:22 AM

## Bishop Creek Reservoirs: Recreational Use Survey

42	Greater oversight of areas, more manpower to clean and maintain areas. More financial responsibility to the canyon.	9/13/2021 4:00 PM
43	Hiking trail head parking needs improvement. There is ample space to provide hikers and day fishermen areas to hike and fish to keep cars off the sides of the roads.	9/13/2021 10:21 AM
44	Don't drain the water so low at Sabrina	9/12/2021 6:52 PM
45	Restroom on the dam side of Intake 2. Additional parking near the dam South Lake. There should be no swimming in any of them	9/12/2021 4:13 PM
46	More pick nick tables and BBQ	9/12/2021 1:57 PM
47	Stock fish and quit draining the water	9/12/2021 12:40 PM
48	Great place but the water levels at the Sabrina and South lake are not managed well. What happened to accurately surveying the snow pack? DFG needs to get it together as well. Too many in educated folks are killing of the native trout species due to the lack of put and take hatchery fish. It is sad to see.	9/11/2021 11:55 PM
49	Having enough restrooms, picnic areas and trash receptacles in developed areas helps keep natural areas cleaner and less impacted by visitors.	9/11/2021 10:44 PM
50	More water in the lakes.	9/11/2021 9:37 PM
51	Please create mire trails with good signage. More educational posts also at TH	9/11/2021 7:50 PM
52	Keep the water levels high enough to use the lakes.	9/11/2021 7:33 PM
53	Keep the water levels up! Stock more fish to keep up with the crowds of people.	9/11/2021 7:26 PM
54	Maybe more trails to split up the crowds. More parking between parchers and south lake	9/11/2021 6:11 PM
55	Keep water in lakes to prevent over crowding in other lakes	9/11/2021 5:28 PM
56	Improve camp ground roads	9/11/2021 4:53 PM
57	Trash and speeding and two persistent issues throughout the canyon as well, in the fall travelers are extremely inconsiderate and unsafe on the roads taking pictures.	9/11/2021 3:43 PM
58	More parking for hikers	9/11/2021 3:34 PM
59	Don't close the area every time there is a fire!	9/11/2021 1:35 PM
60	By keeping water in the reservoirs it allows people boating and fishing	9/11/2021 1:08 PM
61	Keep Reservoir levels more consistent year to year. Plant more fish.	9/11/2021 9:48 AM
62	More showers.	9/4/2021 9:18 AM
63	additional parking, especially at South Lake empty trash at South Lake more often (it stinks of fish), and/or put up signs saying no dumping dead fish in the trash!	9/1/2021 11:20 AM
64	Handicapped parking closer to dam at Sabrina and closer to handicapped fishing area at Intake 2	8/31/2021 4:23 PM
65	There should be more day uses spots with campfire rings, locals like to picnic too .there should be less camp spots for overnight use , making the campground less crowded	8/31/2021 4:37 AM
66	Thank you	8/23/2021 12:53 PM
67	More day use / picnic areas. More campsites for TENTS ONLY. Campgrounds are overrun with huge RVs. RVS don't need the shade or privacy that TENTING needs. Also, most RVs run generators which takes away from a pleasant camping experience for those who like the quiet of the woods and mountains.	8/23/2021 11:21 AM
68	Edison, fill the lakes! Stop your operations and return the wilderness to Californians. Stop fleecing Californians with the nation's highest energy costs.	8/23/2021 7:38 AM
69	More parking	8/18/2021 12:51 PM
70	Signs can direct drivers to nearest additional parking when parking lot is full.	8/13/2021 2:31 AM

## Bishop Creek Reservoirs: Recreational Use Survey

71	Need more overnight parking!	8/7/2021 9:48 AM
72	We avoid the weekends, so our opinion is skewed. Weekends are crowded and there is never enough parking.	8/6/2021 5:00 PM
73	Water management strategy is a problem. In drought years water managers should store water prioritized by recreational value. For instance, South Lake which has a lot of storage capacity is mostly unuseable for recreation in serious drought years. Lake Sabrina on the other hand requires only half the water as South Lake to fill. This means that if additional water is pulled from South Lake, more can be stored at Sabrina where folks can still participate in recreational activities and the impact of the drought is minimized. It is a lot better for one of the two reservoirs to be operational than for both to be empty. This can be done while still meeting mandatory releases at the bottom of the hill.	8/5/2021 3:28 PM
74	I didn't read every sign at the various trail heads but it would be good to add information regarding who has the right of way on trails since so many of them are rather narrow. Also, emphasize the LNT principle of not camping right next to water sources can also be reiterated. Thanks	8/5/2021 1:21 PM
75	Please stop allowing dogs on the trails! They disrupt wildlife, and so many people do not keep their dogs on leash. I have a dog, but would never bring her to an area like this, where she would disrupt wildlife.	7/18/2021 2:17 PM
76	Hold more water	7/16/2021 2:45 PM
77	Parking can be a bit of a mess sometimes, add a few miles to the hikes. I try to visit during the off-season for that reason. (But of course snow season is inadvisable with my 2WD vehicle).	7/13/2021 6:19 PM
78	There is too much horse manure on the trails, particularly the Bishop Pass Trail. Require packers to use Catch it Bags to prevent dropping manure on the trails. I'd much rather smell the flowers than horse manure and urine! If the packers are not willing to do this either eliminate or drastically reduce the number of packer trips allowed.	7/13/2021 11:35 AM
79	More parking spaces	7/13/2021 12:54 AM
80	Parking is usually the biggest issue, but I think you don't really have any more space to make more parking.	7/7/2021 2:59 PM
81	Incredible area. World class recreation opportunities and beauty. Need more hiking trails built + more parking as weekends are insane.	7/6/2021 10:01 PM
82	Fish are never stocked and its almost not worth the trip if you are going to spend money to fish and dont have good luck	7/6/2021 7:34 PM
83	More/better parking including for overnight hikers, better signage of parking/no parking zones to keep parked vehicles out of the roadways. More/better maintained restroom facilities.	7/5/2021 4:05 PM
84	showers please	6/29/2021 9:12 PM
85	Take out less water	6/26/2021 2:57 PM
86	Facilities Needed: Picnic area with parking, including trash and restrooms. Formalized trails around Sabrina and South Lake to facilitate hiking and fishing as the vegetation is currently being compromised and the use trails that have developed around the reservoirs do not facilitate a good user experience.	6/23/2021 3:27 PM
87	Work with USFS, BLM, DWP, Inyo County, CalTrans, City of Bishop, homeowners, permittees and ESSRP to create a Bishop Creek plan turned into reality that addresses recreation needs going into the future, enhances the residents' and visitor experience, and maintains and improves the health of the environment.	6/23/2021 12:54 PM
88	Bathroom facilities at all three locations, but particularly Intake II and Sabrina, are under maintained and inadequate. They are a mess and need more regular attention.	6/18/2021 6:55 PM
89	A few more parking spaces.....	6/17/2021 2:10 PM
90	More trail heads could disperse parking.	6/16/2021 2:21 PM
91	The water levels are usually too low at Sabrina and South Lake, and the fish stocking has been woefully inadequate while at the same time the license fees continue to increase.	6/16/2021 12:50 PM

## Bishop Creek Reservoirs: Recreational Use Survey

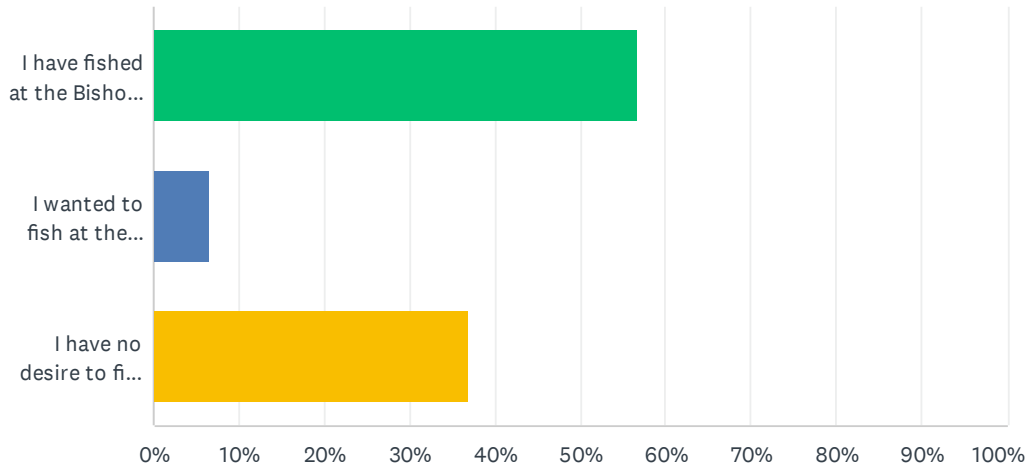
92	One more shuttle time	6/10/2021 3:47 PM
93	Greater amount of Trailhead parking to avoid road congestion and blockages on high use days	6/10/2021 12:04 PM
94	Parking is the issue. Plenty of space but so little parking that people park dangerously or we go home due to know parking. Buses would be really helpful	6/10/2021 11:10 AM
95	More trailhead overnight parking. ESP. South lake. Having to park on the edge of the road a mile or more from the trail head is terrible.	6/9/2021 5:13 PM
96	Please don't build more parking. The lots sometimes fill up, but that spreads out visitors to other trailheads/recreation areas!	6/8/2021 7:14 AM
97	Separate and more parking for backpackers. At Sabrina, more backpacker parking nearer to the trailhead.	6/7/2021 7:29 PM
98	Please add more overnight parking near the trailhead. Especially at South Lake. Perhaps allow overnight parking in more spaces that are now reserved for day use only.	6/7/2021 5:59 PM
99	trying to enjoy the natural beauty and wilderness but the boat motors are too loud at south lake and sabrina. wish outboard motors could be banned. perhaps south lake could be for non-motorized floats and kayaks and sabrina could be for motors. would be interesting if we could do an experiment for a few years and keep one quiet for the enjoyment of hikers and boaters alike.	6/4/2021 10:34 AM
100	Would be nice to have overnight parking close to the Lake Sabrina trail.	6/2/2021 12:26 AM
101	Sabrina Lake area doesn't seem to have enough picnic areas/places to just relax and enjoy the views. You have an upper parking area that everyone drives to and there is not much there except a bathroom and no where to sit and relax to enjoy the view. There is the store and cafe of course but some people might want to sit outside to be near the lake.	6/1/2021 1:36 PM
102	A trail around the lakes (Sabrina and South) would decongest the beginnings of the current trails as many people who are out of shape attempt and fail to hike the steep main trails. A loop around the lake, similar to convict lake but maybe not quite so absurdly comfortized, would provide access to more people and could even be a nice early morning running trail for locals who want altitude without quite so much elevation gain.	5/30/2021 8:05 AM
103	Please stock more fish! Fishing has been very poor the last few years	5/29/2021 5:08 PM
104	more fish planting	5/29/2021 10:28 AM
105	More restrooms, repair the bear lockers and add a few more, improve parking.	5/27/2021 10:43 PM
106	Put in more fish	5/26/2021 12:32 PM
107	Put in more fish	5/26/2021 12:12 PM
108	intake 2 is compromised by the shooting area across the hwy 168 from intake 2. close that shooting area where sce dumps material dredged from reservoir. shooting is dangerous close to intake 2	5/25/2021 8:27 PM
109	Add more picnic areas and fish cleaning	5/25/2021 9:33 AM
110	Keep the restrooms clean and dumpsters emptied. Love this watershed.	5/25/2021 6:52 AM
111	Enforce camping restrictions. i.e. Ticket and tow illegelly camped vehicles. BAN CAMPFIRES. Period. It is appalling that they are still allowed when millions of dollars and large numbers of lives have been lost in California and elsewhere in the west due to fires. BAN THEM COMPLETELY.	5/24/2021 5:30 PM
112	Tow illegal parked overnight vehicles in day use spaces. Enforce no dispersed camping in the Bishop drainage.	5/24/2021 3:03 PM
113	Tow illegal campers from the parking lots	5/24/2021 2:51 PM
114	Provide more, dedicated/designated and developed vehicle parking areas adjacent to developed campgrounds and other roadside access points to the Bishop Creek	5/10/2021 3:22 PM
115	keep dogs out of the water.	5/9/2021 11:24 PM

## Bishop Creek Reservoirs: Recreational Use Survey

116	Do not limit access to recreation.	5/6/2021 11:16 AM
117	I think more bathrooms would be a good investment	4/28/2021 10:46 PM
118	Need Forest Service in the area.	3/10/2021 4:55 PM
119	improve trailhead parking for south lake	3/2/2021 1:48 PM
120	Everything has become run down in the past 10 years, like no one is taking care of the place. Too crowded to enjoy as well.	2/26/2021 9:45 AM
121	Are has been increasing in popularity with many user groups for many years and is to be avoided on weekend, fall colors tours etc. It's nice to visit when you know not many people are up the canyon.	2/5/2021 7:27 AM
122	better plan for USFS emergency closure of Inyo NF.	1/13/2021 9:07 AM
123	More help with fish plants, more trash cans and trash service. More public parking options, Access to the rest of bishop creek canyon.	1/11/2021 2:25 PM
124	More overnight parking	1/10/2021 7:04 PM
125	Increased patrols for vandalism, excessively loud music and other nuisances. NO ADVENTURE PASS!	1/10/2021 4:59 PM
126	a loop trail connecting Sabrina, South Lakes, (looping around the lakes) to Bishop Creed downstream for fishing, hiking would be great to plan for the future, Thank you!	1/8/2021 7:59 PM
127	Additional parking near south lake boat ramp for boaters without losing parking for trailhead users (Bishop Pass, Long Lake, etc.)	1/8/2021 3:58 PM
128	Keep developed facilities limited to not attract more people, but make sure the bathrooms/trash can accommodate visitor numbers.	1/8/2021 11:41 AM
129	Good overall	1/7/2021 11:01 PM
130	Buses! Would be way better with fewer cars and parking issues, would maybe leave more space for picnic tables or some facilities for day use.	1/7/2021 8:35 PM
131	More parking	1/7/2021 7:30 PM
132	Need way more parking!!! I can show up at 5am and not find a parking spot. Better signage would be nice - I frequently see illegal campers. Some USFS enforcement on parking and camping regulations would be helpful.	1/7/2021 7:05 PM
133	Education on LNT , more trash containers , more education yo all the idiots, poo bags for humans and dogs	1/7/2021 7:00 PM
134	Provide 30Amp service/spots for RV and trailers. I would love to park closer to Sabrina with my trailer but there is no full hookup sites available	1/7/2021 6:07 PM
135	Parking at both Sabrina and south lake were overflowing all summer. It felt like 4th of July all summer, (and not in a good way). I don't think efforts should be made to encourage even more visitation to a place that can't really handle it, but perhaps signage for appropriate overflow parking spots is needed.	1/7/2021 4:33 PM
136	More fish and game patrolling the area.	1/7/2021 4:24 PM
137	More mountain education is needed.	1/7/2021 4:22 PM
138	Perhaps a weekend shuttle from Bishop will help with the parking issues.	12/23/2020 9:50 AM
139	There is way too much trash, especially fishing lines and hooks. I recommend hiring "Lake Stewards" to educate visitors on Leave No Trace and to help keep these beautiful areas pristine.	12/19/2020 5:55 PM
140	Keep yhe roads open more of the time.	12/16/2020 3:40 PM

## Q19 Have you fished or are you interested in fishing at the Bishop Creek Reservoirs?

Answered: 307 Skipped: 54

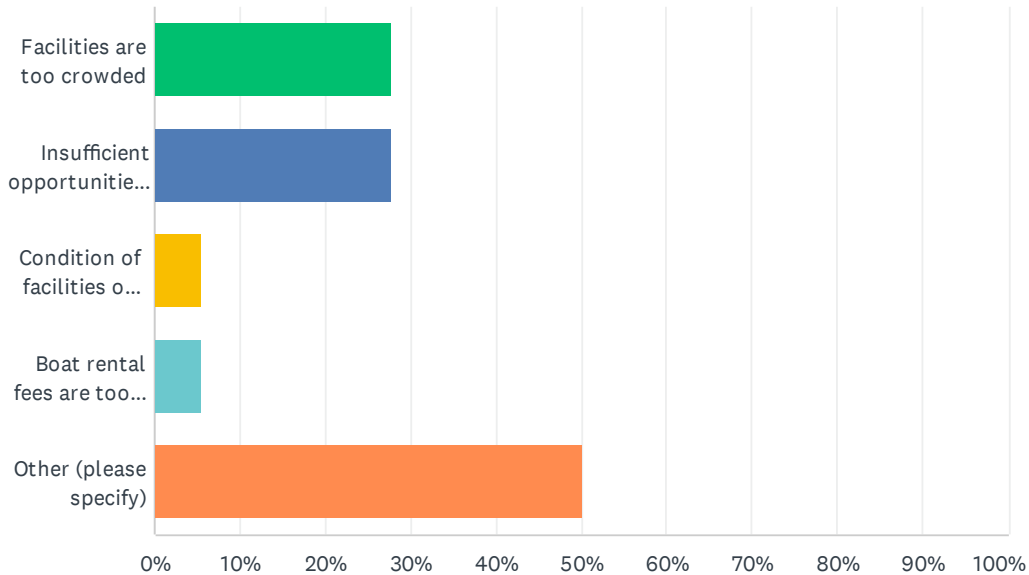


ANSWER CHOICES	RESPONSES	
I have fished at the Bishop Creek Reservoirs	56.68%	174
I wanted to fish at the Bishop Creek Reservoirs, but something prevented me from doing so	6.51%	20
I have no desire to fish at the Bishop Creek Reservoirs	36.81%	113
<b>TOTAL</b>		<b>307</b>



## Q20 Which of the following describes what prevented you from fishing at the Bishop Creek Reservoirs? (Select all that apply)

Answered: 18 Skipped: 343



ANSWER CHOICES	RESPONSES
Facilities are too crowded	27.78% 5
Insufficient opportunities and accessibility	27.78% 5
Condition of facilities or access points are not well maintained	5.56% 1
Boat rental fees are too high	5.56% 1
Other (please specify)	50.00% 9
Total Respondents: 18	

#	OTHER (PLEASE SPECIFY)	DATE
1	Other activities to do	11/9/2021 7:07 PM
2	Nothing at all todo with your facilities. It was an equipment issue on my end.	8/16/2021 4:49 PM
3	I haven't learned how to fish yet	8/15/2021 4:09 PM
4	I'm new to fishing	8/8/2021 12:48 PM
5	I'm new to fishing	7/2/2021 7:43 AM
6	Poor planning	5/31/2021 6:30 PM
7	Gwar	5/30/2021 8:31 AM
8	Decided the chance of catching fish was limited.	2/19/2021 3:45 PM
9	I prefer to fish in the wilderness at the higher lakes. Also i dont have the gear for the bigger fish in the lower lakes	1/7/2021 6:59 PM

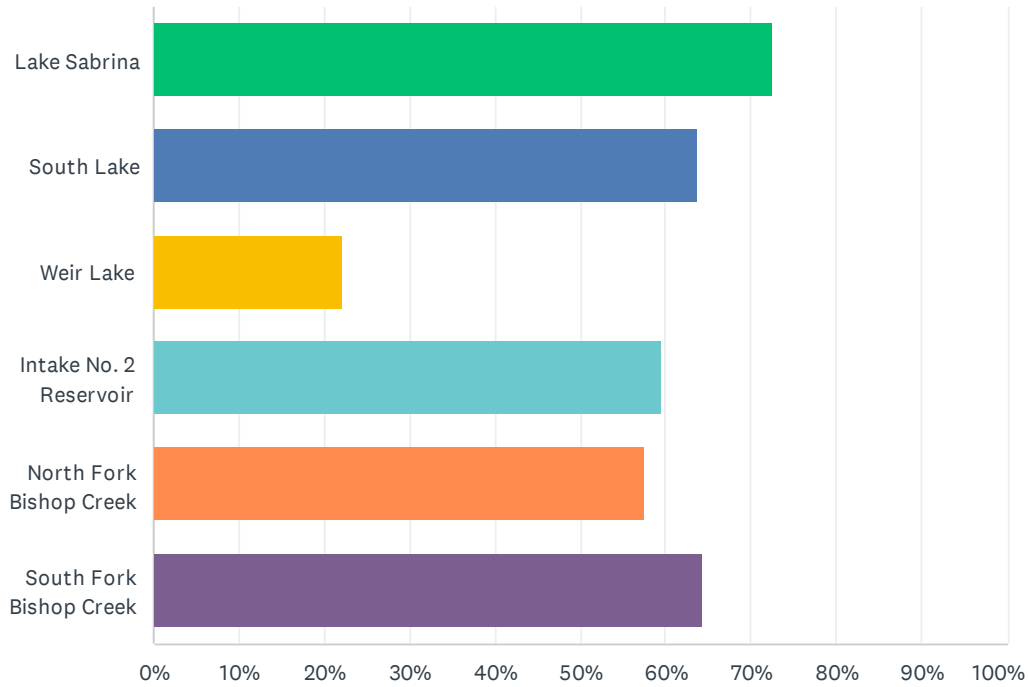
Q21 Please provide any additional detail on how we can improve fishing opportunities at the Bishop Creek Reservoirs.

Answered: 3 Skipped: 358

#	RESPONSES	DATE
1	Have fish and wildlife contribute our license money and stop stealing it. Ramp up local private stocking programs!	9/23/2021 7:08 AM
2	Not sure how places can be less crowded	8/31/2021 4:38 AM
3	beaches with sufficient brush clearance for fly fishing	2/26/2021 4:30 PM

## Q22 Where do you typically spend your time fishing at the Bishop Creek Reservoirs? (Select all that apply)

Answered: 163 Skipped: 198



ANSWER CHOICES	RESPONSES
Lake Sabrina	72.39% 118
South Lake	63.80% 104
Weir Lake	22.09% 36
Intake No. 2 Reservoir	59.51% 97
North Fork Bishop Creek	57.67% 94
South Fork Bishop Creek	64.42% 105
Total Respondents: 163	

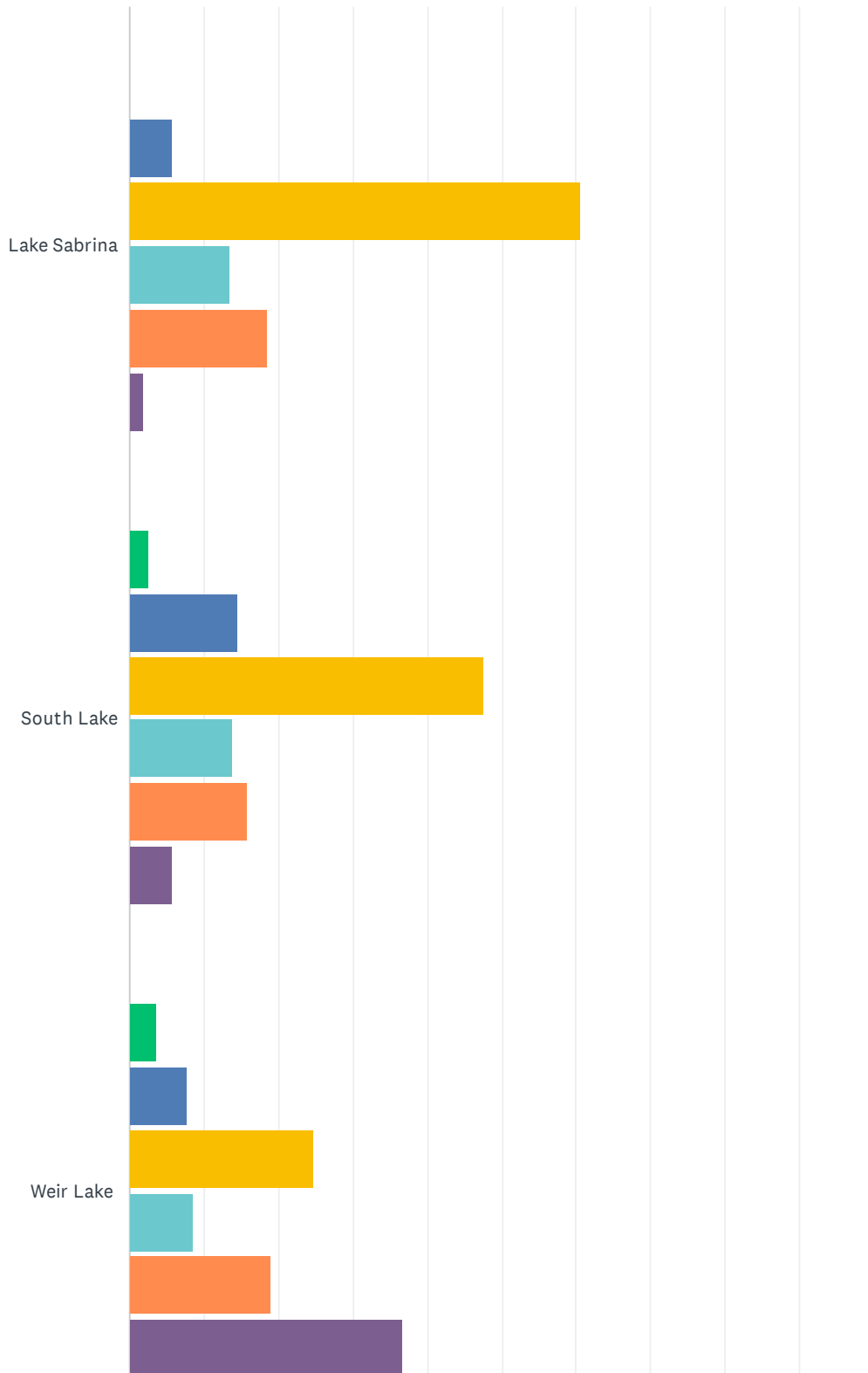
#	OTHER (PLEASE SPECIFY)	DATE
1	high country streams	11/9/2021 4:35 PM
2	Lakes above the reservoirs	9/22/2021 9:55 PM
3	North lake	9/22/2021 9:38 PM
4	No longer fish. Your first question left this option out.	9/22/2021 7:25 PM
5	North lake	9/22/2021 11:56 AM
6	creeks	9/22/2021 8:31 AM
7	North Lake	9/20/2021 9:43 AM

## Bishop Creek Reservoirs: Recreational Use Survey

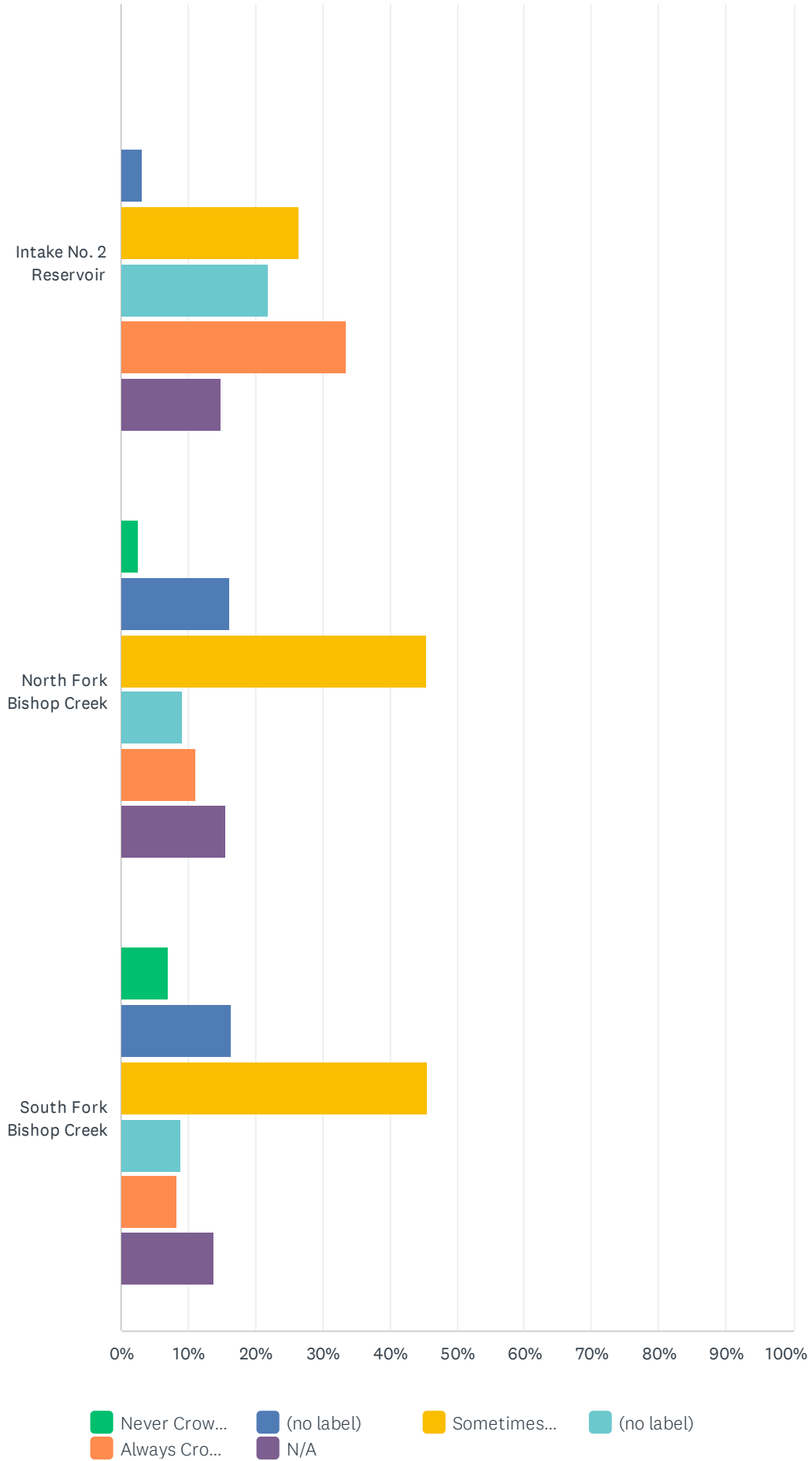
8	North Lake	9/17/2021 5:40 PM
9	Long lake	9/16/2021 1:49 PM
10	Cardinal Lodge Pond and all rivers leading up to Sabrina	9/14/2021 11:41 AM
11	North lake	9/12/2021 12:41 PM
12	North Lake	9/11/2021 11:57 PM
13	North Lake	9/11/2021 9:49 PM
14	Tree lake and green lake	9/11/2021 1:10 PM
15	All the streams	7/6/2021 7:35 PM
16	North lake	6/26/2021 2:59 PM
17	I have not fished for many years there. Not interested in fishing with bait and lots of people around.	5/24/2021 5:31 PM
18	Long Lake, Treasure Lakes	3/10/2021 5:00 PM
19	Secret!	2/5/2021 7:28 AM
20	Backcountry lakes before Sabrina and South Lakes	1/8/2021 8:02 PM
21	North Lake	1/7/2021 8:56 PM

### Q23 In general, for your combined fishing trips to the Bishop Creek Reservoirs, how crowded do you feel at the following locations? (Rate one per row)

Answered: 166 Skipped: 195



# Bishop Creek Reservoirs: Recreational Use Survey



Bishop Creek Reservoirs: Recreational Use Survey

	NEVER CROWDED	(NO LABEL)	SOMETIMES CROWDED	(NO LABEL)	ALWAYS CROWDED	N/A	TOTAL	WEIGHTED AVERAGE
Lake Sabrina	0.00% 0	5.73% 9	60.51% 95	13.38% 21	18.47% 29	1.91% 3	157	3.45
South Lake	2.53% 4	14.56% 23	47.47% 75	13.92% 22	15.82% 25	5.70% 9	158	3.28
Weir Lake	3.52% 5	7.75% 11	24.65% 35	8.45% 12	19.01% 27	36.62% 52	142	3.50
Intake No. 2 Reservoir	0.00% 0	3.23% 5	26.45% 41	21.94% 34	33.55% 52	14.84% 23	155	4.01
North Fork Bishop Creek	2.60% 4	16.23% 25	45.45% 70	9.09% 14	11.04% 17	15.58% 24	154	3.12
South Fork Bishop Creek	6.96% 11	16.46% 26	45.57% 72	8.86% 14	8.23% 13	13.92% 22	158	2.94

## Q24 Please provide any additional detail on how we can improve fishing opportunities at the Bishop Creek Reservoirs.

Answered: 59 Skipped: 302

#	RESPONSES	DATE
1	Consistent fish plants would help as many tourists fish the areas out quickly...maybe early week planting would allow locals more opportunities to catch a few fish	10/3/2021 9:17 AM
2	fish stocking	9/24/2021 9:24 AM
3	More day use parking	9/23/2021 9:45 AM
4	Provide off-highway day-use parking and more turn-outs.	9/23/2021 8:08 AM
5	More trail access to otherwise difficult to access shorelines and Creek reaches instead of highly eroded use trails.	9/22/2021 9:55 PM
6	Stock more fish	9/22/2021 9:38 PM
7	again stop the campground reservations and make it first come first serve this will stop the online visitor and make it more challenging to get up in there	9/22/2021 6:27 PM
8	Trailer parking at South lake is difficult	9/22/2021 12:33 PM
9	More fish	9/22/2021 11:56 AM
10	DFW does a terrible job of stocking fish. Licenses cost more but less fish are stocked. Maybe orivate sector should take over hatcheries.	9/22/2021 10:07 AM
11	Fish & Wildlife to plant more fish	9/22/2021 8:11 AM
12	Stock more. Fish	9/21/2021 6:05 PM
13	More water. The lakes as of recent have been quote low. I realize it takes snow but perhaps a better management strategy looking at long term forecasts to decide how much to bring the lakes down at the end of the season would help. This year is as bad as I have ever seen it since 1980.	9/20/2021 9:43 AM
14	More fish stocking and allow for a smaller limit, keeping more fish in the rivers/lakes.	9/19/2021 8:17 AM
15	There were fewer fish planted these past 2 years due to COVID and hatchery diseases	9/18/2021 10:47 AM
16	I miss the old days where Lake Sabrina Campground had more business and better conditions. Started coming there as a child in 1954 with my parents and brother. Returned for visits in 1998. Bought home in Bishop in 2015.	9/18/2021 8:35 AM
17	Plant more often for anglers.	9/15/2021 11:04 AM
18	More catch and release mandates when stocking is disrupted (bacterial outbreaks etc)	9/14/2021 1:41 PM
19	Create and stick to a consistent level of water throughout the same periods of the year. Provide communication if there will be a drastic change, for instance 2 years ago Intake 2 was reduced by around 50+% and no communication ahead of time that was happening.	9/14/2021 11:41 AM
20	Financially support both private and state hatcheries for the canyon on a consistent basis. Prioritize the canyon for family activities such as fishing so that generational heritage and traditions can be passed on from generation to generation. At this time we are in danger of losing the heritage of bishop canyon creeks to be fishable for present and future generations.	9/13/2021 4:03 PM
21	Sponsor and motivate the DFG to stock trout on regular basis. To keep children off their cell phones and into nature for future generations - there has to be fish in the creeks and lakes to provide these generations with the opportunities of generations past. If we lose this generation of children not learning how to be outside and find the joys of fishing, we will lose them forever.	9/13/2021 10:25 AM



## Bishop Creek Reservoirs: Recreational Use Survey

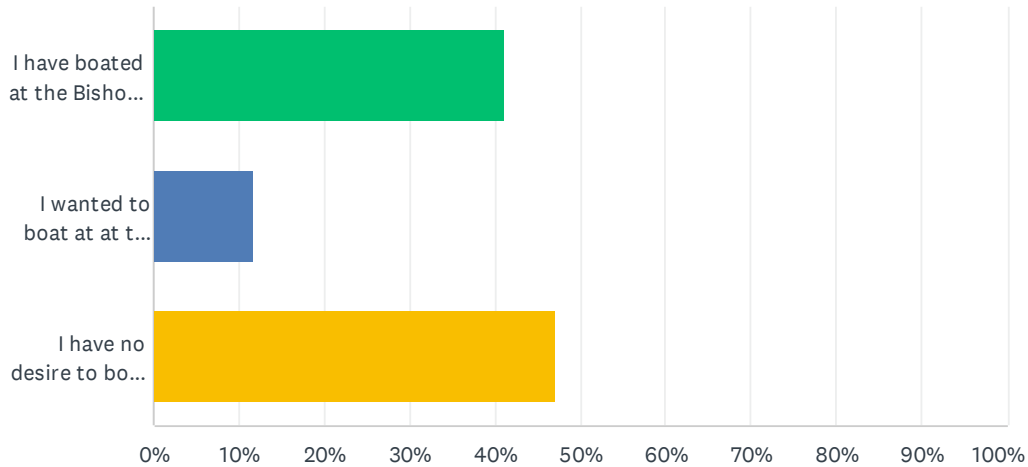
22	Keep water levels	9/12/2021 6:53 PM
23	South Lake is my favorite for fishing but in low water years it always seems to be the one to suffer with reduced water flows	9/12/2021 4:15 PM
24	More constant sticking. When the stocking schedule changes (ie. summer of 2020). Change the website to the schedule. Last summer it showed stocking every 2 weeks but actually very little trout stocking occurred	9/12/2021 2:00 PM
25	Stock fish it's ridiculous. We need more trash cans. I have a trash bag full of line and trash people leave behind	9/12/2021 12:41 PM
26	How about the state get their act together and stock fish. 2 years in a row they have not stocked what we have paid for	9/12/2021 7:11 AM
27	DFG needs to get their stocking program back into gear. Too many people are killing off the native trout because there is very minimal put and take fishing opportunities. The stream that once held native trout are now empty.	9/11/2021 11:57 PM
28	Better trout stocking	9/11/2021 9:49 PM
29	Stock more often	9/11/2021 9:17 PM
30	Stock more fish into the water to keep up with the demand.	9/11/2021 7:34 PM
31	Stock more fish to meet the demand.	9/11/2021 7:28 PM
32	Keep water levels up	9/11/2021 5:29 PM
33	??	9/11/2021 4:55 PM
34	Funding fisheries.	9/11/2021 3:45 PM
35	Stock more fish.	9/11/2021 1:37 PM
36	Keep water in the lakes	9/11/2021 1:10 PM
37	More fish planting	9/11/2021 9:50 AM
38	In the 30+ years I've been visiting the area, I've observed a steady increase in the number of people visiting the area with interest in fishing. On my last few trips, it has felt like the trout stocking (especially of the creeks) has not been adequate enough to cover the demand of the people fishing. I have observed and heard about many instances of non-compliant practices of parties visiting the area and enforcement has been non-existent.	9/4/2021 9:28 AM
39	Plant more stockers	8/6/2021 11:27 AM
40	Creek access is limited on both forks of Bishop Creek. The South Fork of Bishop Creek especially had several of the more easily accessible day use spots blocked off during road construction in 2020. These areas are some of my favorite places to relax, fish or picnic. On rare occasion some visitors illegally stay overnight along the creek. Instead of enforcement, the solution was to remove or limit access for the vast majority of forest visitors. Two or three groups a year breaking the rules should not lead to limited access for thousands of visitors who obey the rules. Strategic water management to minimize drought impacts would make a huge difference. SCE should contribute more funding for fish stocking.	8/5/2021 3:38 PM
41	Hold more water	7/16/2021 2:47 PM
42	I think the fishing opportunities are good	7/7/2021 3:01 PM
43	Stock fish!!! Stocking the past 3 years has been very poor!	7/6/2021 7:35 PM
44	More fish need to be stocked at all locations	6/26/2021 2:59 PM
45	Improve parking and camping.	6/23/2021 12:56 PM
46	More frequent stocking, higher water level and easier access to shoreline at South Lake and Sabrina.	6/16/2021 12:53 PM
47	Please stock more fish!	5/29/2021 5:09 PM
48	MORE FISHING PLANTS	5/29/2021 10:30 AM

## Bishop Creek Reservoirs: Recreational Use Survey

49	More fish	5/26/2021 12:34 PM
50	More fish	5/26/2021 12:13 PM
51	intake 2 is compromised by the shooting area across the hwy 168 from intake 2. close that shooting area where sce dumps material dredged from reservoir. shooting is dangerous close to intake 2	5/25/2021 8:27 PM
52	Fishing line clean up. Intake 2 is usually a trashy mess.	5/24/2021 2:53 PM
53	Stock more fish in certain easily accessible areas and perhaps develop a Catch & Release type Barbless Hook only section on both South & North Bishop Creeks	5/10/2021 3:25 PM
54	Contribute to fish plants, encourage catch and release with signage, create fish habitats along the drainages	1/11/2021 2:27 PM
55	A plan for a trail to follow Bishop Creek as much as possible.	1/8/2021 8:02 PM
56	More parking at south lake	1/8/2021 4:00 PM
57	Add more fish	1/7/2021 7:31 PM
58	More fish, it seems as if you go late in the season during the start of fall that your chance of landing a nice size fish is significantly lower.	1/7/2021 6:09 PM
59	More fish and game patrolling the area. Regulations are ignored by too many.	1/7/2021 4:25 PM

## Q25 Please select the answer that describes your interest in or experience boating at the Bishop Creek Reservoirs?

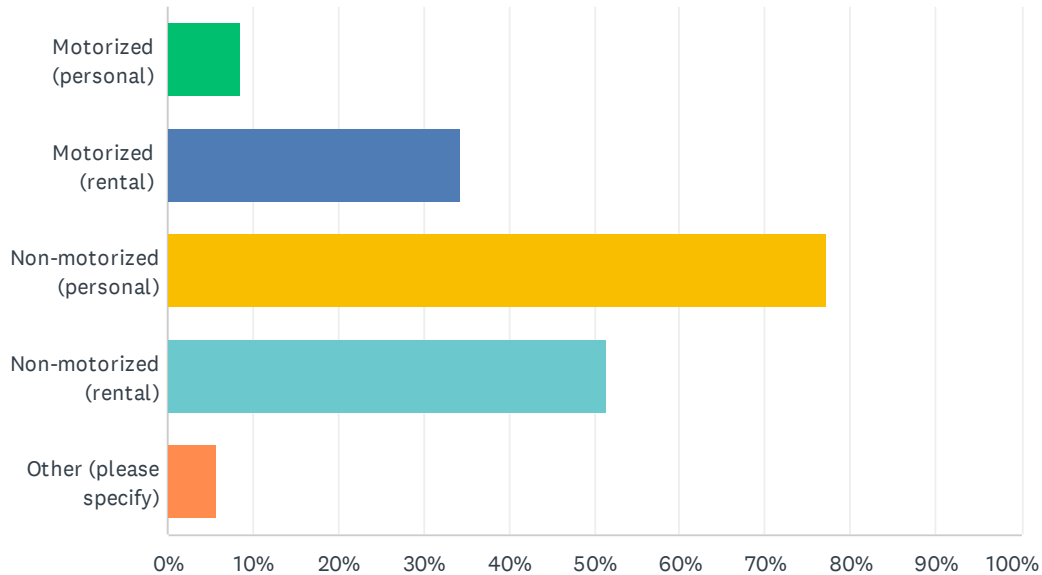
Answered: 297 Skipped: 64



ANSWER CHOICES	RESPONSES	
I have boated at the Bishop Creek Reservoirs	41.08%	122
I wanted to boat at at the Bishop Creek Reservoirs, but something prevented me from doing so	11.78%	35
I have no desire to boat at the Bishop Creek Reservoirs	47.14%	140
<b>TOTAL</b>		<b>297</b>

## Q26 Which of the following types of watercraft do you prefer at the Bishop Creek Reservoirs? (Select all that apply)

Answered: 35 Skipped: 326

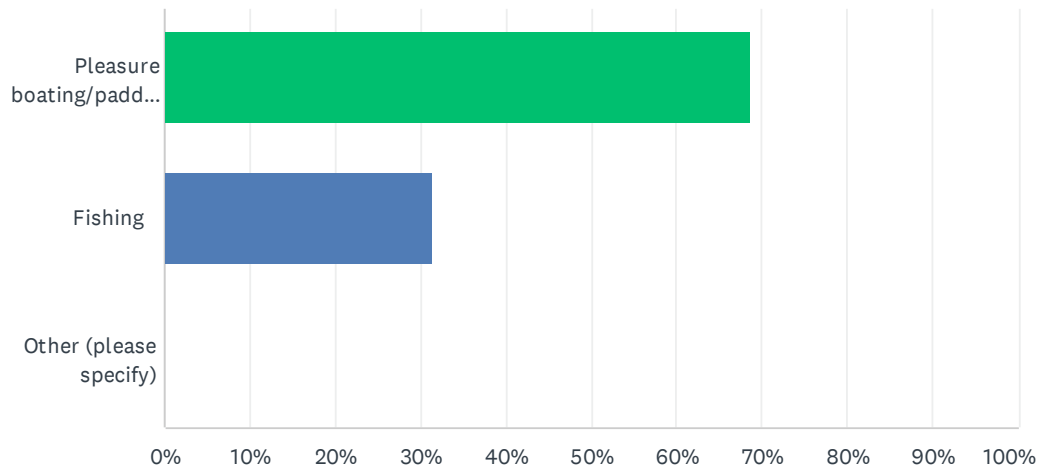


ANSWER CHOICES	RESPONSES
Motorized (personal)	8.57% 3
Motorized (rental)	34.29% 12
Non-motorized (personal)	77.14% 27
Non-motorized (rental)	51.43% 18
Other (please specify)	5.71% 2
Total Respondents: 35	

#	OTHER (PLEASE SPECIFY)	DATE
1	stand-up paddle board	9/23/2021 8:11 AM
2	Paddleboard	5/27/2021 10:46 PM

## Q27 Which of the following best describes your type of boating activity?

Answered: 35 Skipped: 326

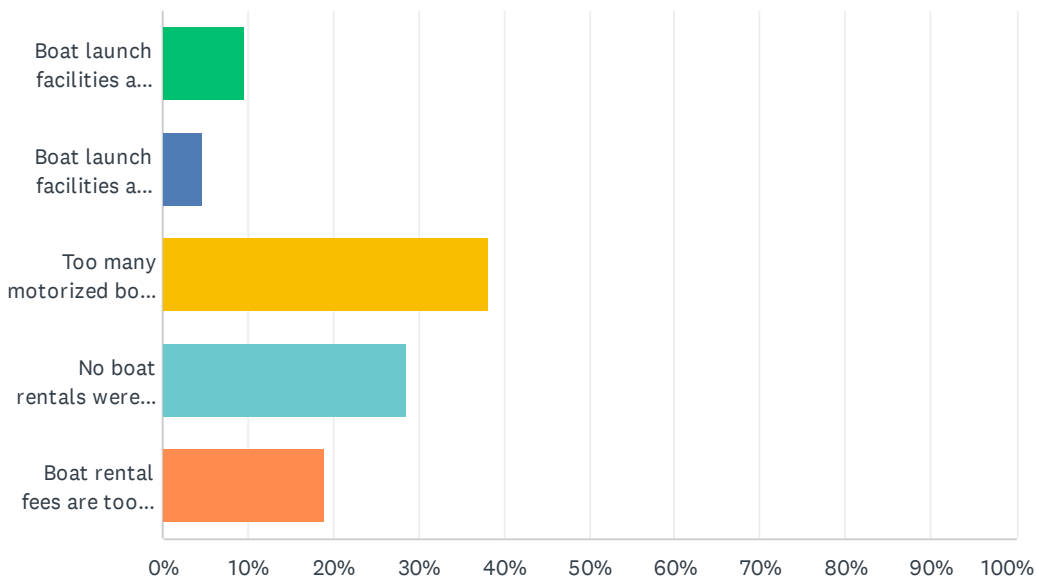


ANSWER CHOICES	RESPONSES
Pleasure boating/paddling	68.57% 24
Fishing	31.43% 11
Other (please specify)	0.00% 0
<b>TOTAL</b>	<b>35</b>

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

## Q28 Which of the following best describes what prevented you from boating at the Bishop Creek Reservoirs?

Answered: 21 Skipped: 340



ANSWER CHOICES	RESPONSES
Boat launch facilities are inadequate	9.52% 2
Boat launch facilities are poorly managed and maintained	4.76% 1
Too many motorized boats on the reservoirs	38.10% 8
No boat rentals were available	28.57% 6
Boat rental fees are too high	19.05% 4
<b>TOTAL</b>	<b>21</b>

#	OTHER (PLEASE SPECIFY)	DATE
1	Didn't have a boat with me.	10/21/2021 6:20 PM
2	rather go hiking	9/23/2021 8:11 AM
3	not enough water to launch	9/19/2021 8:18 AM
4	Not a high priority	8/30/2021 10:26 PM
5	Time/effort to organize it	8/16/2021 12:04 PM
6	It was too windy when I came out	8/15/2021 4:11 PM
7	Time	6/10/2021 2:13 PM
8	I'm usually there to hike	5/27/2021 10:46 PM
9	Didn't have enough time	5/26/2021 11:19 PM
10	Not sure	5/25/2021 6:53 AM

## Bishop Creek Reservoirs: Recreational Use Survey

11	Inclement weather	4/21/2021 8:55 AM
12	Not enough time	1/7/2021 11:03 PM
13	Not enough time during our trips	12/23/2020 9:52 AM

## Q29 Please provide any additional detail on why you were unable to or chose not to boat at the Bishop Creek Reservoirs?

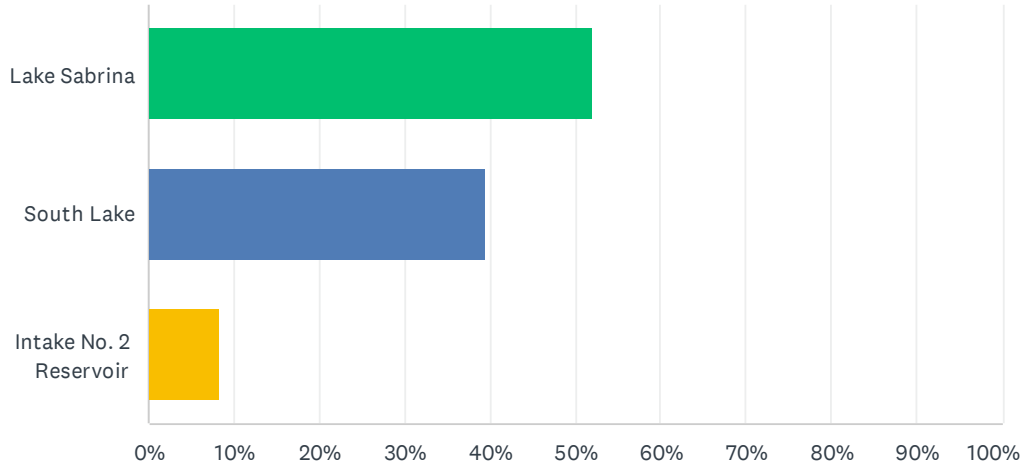
Answered: 13 Skipped: 348

#	RESPONSES	DATE
1	steepness of highway in regards to towing	9/23/2021 8:11 AM
2	parking a problem	9/21/2021 7:02 PM
3	Too many people and boats, too much noise.	9/18/2021 2:13 PM
4	For pleasure non motorized boating one needs a more natural environment	9/11/2021 7:52 PM
5	Haven't gotten around to it yet. (We prefer to hike.)	8/30/2021 10:26 PM
6	\$\$	8/16/2021 4:50 PM
7	Just too many people on the lake this time around. The water level is low and there are a lot of inexperienced boaters. We have our own boat but it is too large for the reservoirs and lakes.	7/7/2021 3:04 PM
8	motorized boats ruin the experience for paddlers, perhaps every other weekend could be restricted to nonmotorized	6/6/2021 7:15 AM
9	motorized boats are too loud and ruin my experience in and enjoyment of the outdoors	6/4/2021 10:36 AM
10	Kayaks are not available to rent and personal kayak is hard to transport	5/27/2021 10:46 PM
11	So much to do in a day.	1/7/2021 11:03 PM
12	Usually spend most of our days hiking	12/23/2020 9:52 AM
13	In the summer months there is too much motorized boat traffic to have a peaceful paddle.	12/19/2020 5:56 PM



### Q30 At which Bishop Creek Reservoir do you typically spend your time boating ?

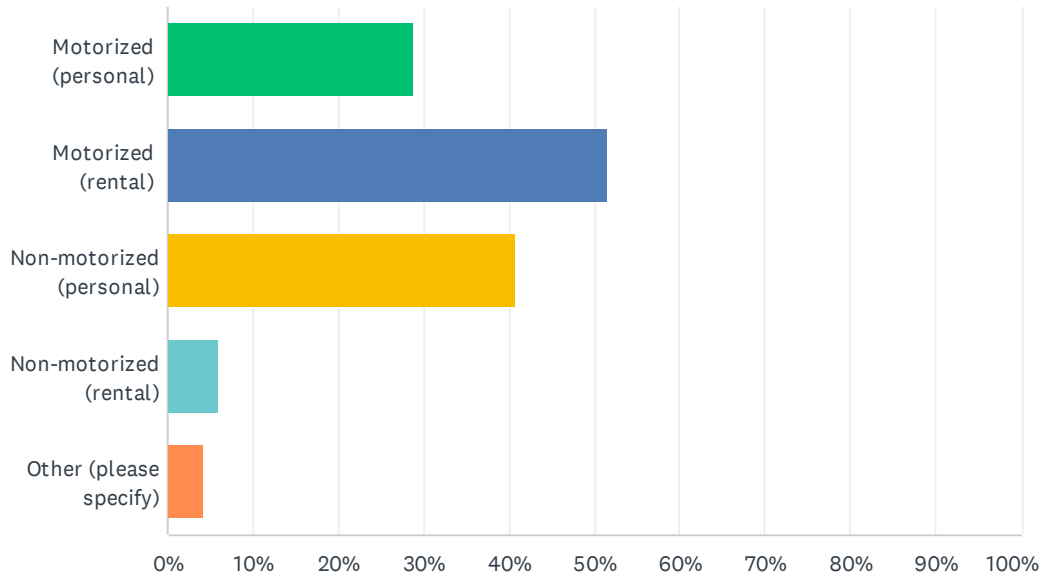
Answered: 119 Skipped: 242



ANSWER CHOICES	RESPONSES	
Lake Sabrina	52.10%	62
South Lake	39.50%	47
Intake No. 2 Reservoir	8.40%	10
<b>TOTAL</b>		<b>119</b>

### Q31 Which of the following types of watercraft do you prefer at the Bishop Creek Reservoirs? (Select all that apply)

Answered: 118 Skipped: 243



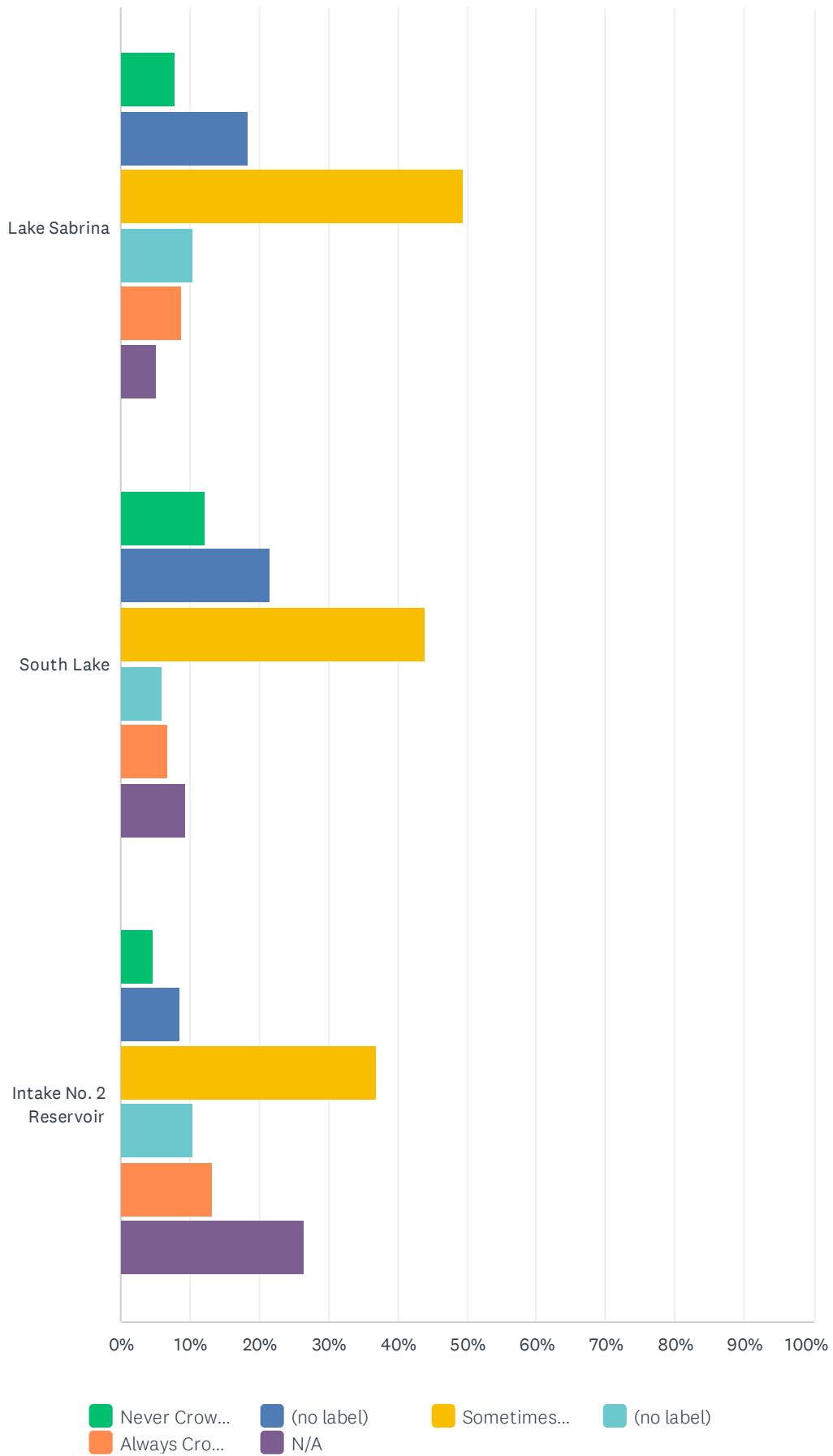
ANSWER CHOICES	RESPONSES
Motorized (personal)	28.81% 34
Motorized (rental)	51.69% 61
Non-motorized (personal)	40.68% 48
Non-motorized (rental)	5.93% 7
Other (please specify)	4.24% 5
Total Respondents: 118	

#	OTHER (PLEASE SPECIFY)	DATE
1	float tube	11/10/2021 9:16 AM
2	Sailboat	9/19/2021 9:02 AM
3	Kayak	9/15/2021 10:27 PM
4	kayaks	9/14/2021 11:14 AM
5	paddleboard	6/8/2021 7:03 AM

Q32 In general, for your combined boating activity at the Bishop Creek Reservoirs, how crowded do you feel at each reservoir? (Rate one per row)

Answered: 118 Skipped: 243

# Bishop Creek Reservoirs: Recreational Use Survey

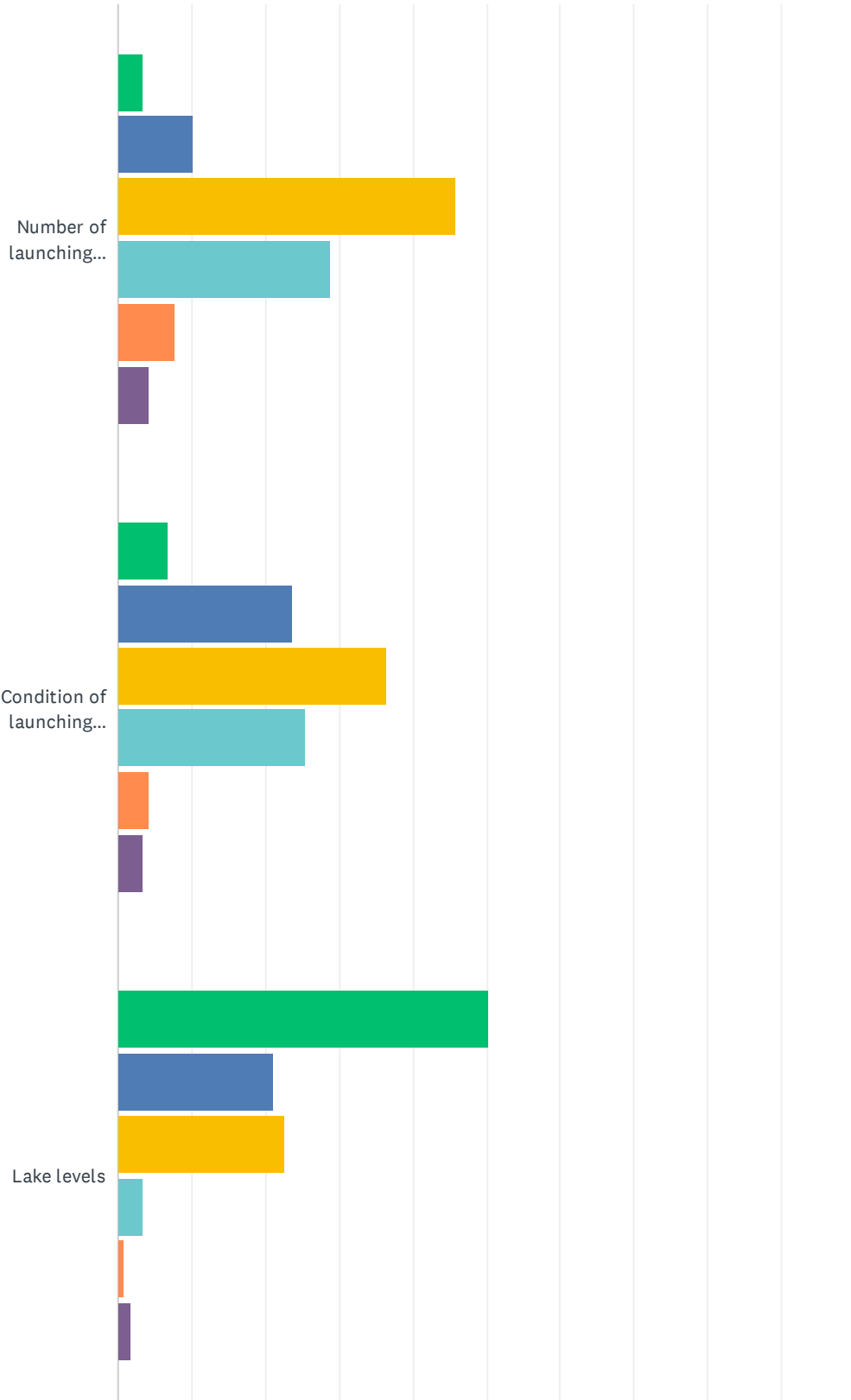


Bishop Creek Reservoirs: Recreational Use Survey

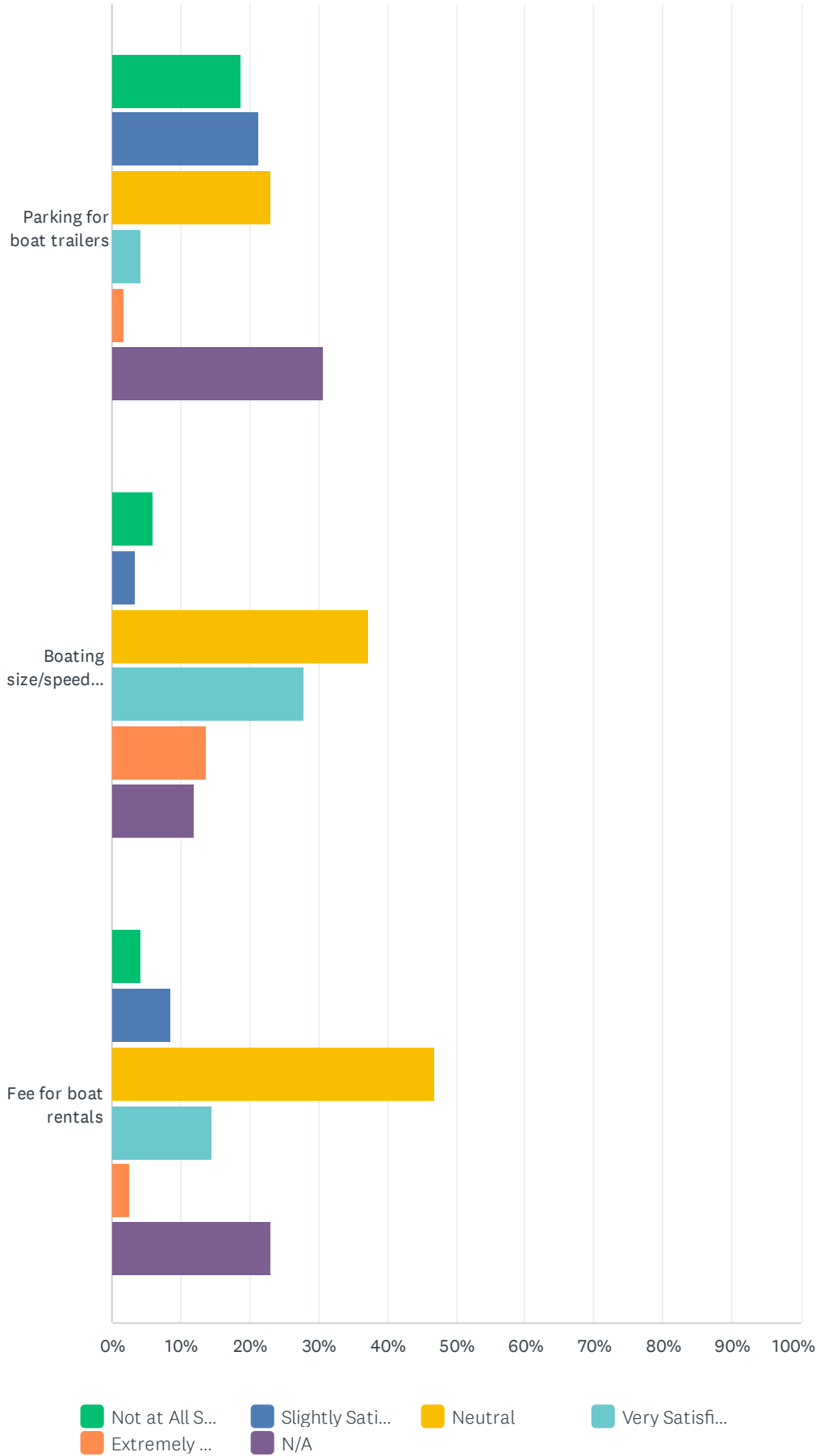
	NEVER CROWDED	(NO LABEL)	SOMETIMES CROWDED	(NO LABEL)	ALWAYS CROWDED	N/A	TOTAL	WEIGHTED AVERAGE
Lake Sabrina	7.83% 9	18.26% 21	49.57% 57	10.43% 12	8.70% 10	5.22% 6	115	2.94
South Lake	12.07% 14	21.55% 25	43.97% 51	6.03% 7	6.90% 8	9.48% 11	116	2.71
Intake No. 2 Reservoir	4.72% 5	8.49% 9	36.79% 39	10.38% 11	13.21% 14	26.42% 28	106	3.26

### Q33 How would you rate your overall satisfaction with boating access at the Bishop Creek Reservoirs? (Select all that apply)

Answered: 119 Skipped: 242



# Bishop Creek Reservoirs: Recreational Use Survey



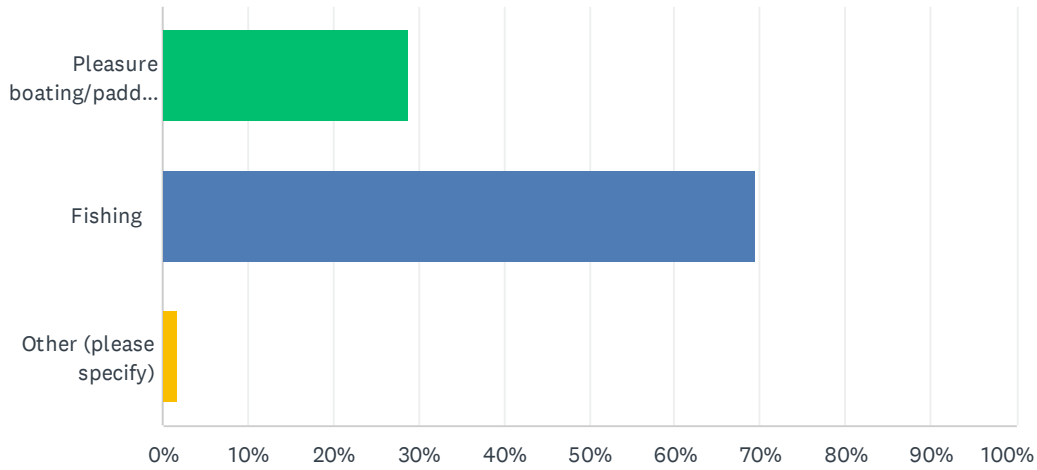
## Bishop Creek Reservoirs: Recreational Use Survey

	NOT AT ALL SATISFIED	SLIGHTLY SATISFIED	NEUTRAL	VERY SATISFIED	EXTREMELY SATISFIED	N/A	TOTAL	WEIGHTED AVERAGE
Number of launching facilities	3.39% 4	10.17% 12	45.76% 54	28.81% 34	7.63% 9	4.24% 5	118	3.28
Condition of launching facilities	6.78% 8	23.73% 28	36.44% 43	25.42% 30	4.24% 5	3.39% 4	118	2.96
Lake levels	50.42% 60	21.01% 25	22.69% 27	3.36% 4	0.84% 1	1.68% 2	119	1.81
Parking for boat trailers	18.80% 22	21.37% 25	23.08% 27	4.27% 5	1.71% 2	30.77% 36	117	2.26
Boating size/speed restrictions	5.93% 7	3.39% 4	37.29% 44	27.97% 33	13.56% 16	11.86% 14	118	3.45
Fee for boat rentals	4.27% 5	8.55% 10	47.01% 55	14.53% 17	2.56% 3	23.08% 27	117	3.03



### Q34 Which of the following best describes your type of boating activity?

Answered: 118 Skipped: 243



ANSWER CHOICES	RESPONSES
Pleasure boating/paddling	28.81% 34
Fishing	69.49% 82
Other (please specify)	1.69% 2
<b>TOTAL</b>	<b>118</b>

#	OTHER (PLEASE SPECIFY)	DATE
1	Canoeing	9/24/2021 5:23 AM
2	Sailing and kayaking	9/19/2021 9:02 AM

## Q35 Please provide any additional detail on how we can improve boating opportunities at the Bishop Creek Reservoirs.

Answered: 47 Skipped: 314

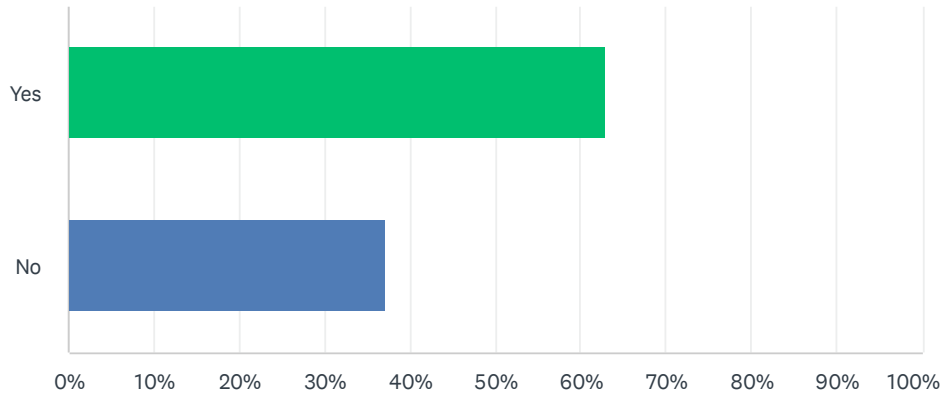
#	RESPONSES	DATE
1	At intake 2, limit size of boat, non-motorized	10/3/2021 9:19 AM
2	Keep motorized boating restricted to slow quiet vessels. No ski-doods, no fast boats.	10/2/2021 9:21 AM
3	Less is more	9/24/2021 5:23 AM
4	Leave water in the Lakes until the end of the season rather than getting all the water out early in the season. I do not understand why they can't leave enough water in the Lakes till the end of the season?	9/23/2021 9:12 AM
5	Wider launch ramp	9/22/2021 9:40 PM
6	there is little parking for boats and trailers at south lake so your limited to rental boats mainly as the backpacker parking has taken all the parking , let them hike thats what they do give us back the parking	9/22/2021 6:31 PM
7	Better launching facilities when the reservoirs are low.	9/22/2021 3:10 PM
8	Fill lakes. They are reservoirs. Too much water going south during fishing season.	9/22/2021 10:12 AM
9	For those with their own boats, it is next to impossible to find a spot to park. It goes without saying with the lake levels so low, I didn't even bother taking the boat up this year.	9/20/2021 9:45 AM
10	The main thing would be having docks. The fact that the existing ramps curve probably makes this much more difficult.	9/19/2021 9:02 AM
11	Paddleboarding on Lake Sabrina twice.	9/18/2021 3:38 PM
12	Good ads and photos of the areas	9/18/2021 10:49 AM
13	Access for mobility impaired people	9/18/2021 10:13 AM
14	Many of the motorized rental boats were on Lake Sabrina Boat Launch when I was a teenager in the 60's. Need new modern boats and motors. The pontoon boats were a nice addition over the years.	9/18/2021 8:41 AM
15	Improve walk-way safety, more guard rails on dams	9/15/2021 1:43 PM
16	Allow more water to stay in the lakes.	9/15/2021 11:06 AM
17	leave lake levels alone from natural snow and rain on drought years	9/14/2021 11:14 AM
18	Please keep the water levels high, so many people rely on the escape to these wonderful waters.	9/14/2021 7:33 AM
19	KEEP THE LAKE LEVELS HIGH!!	9/13/2021 10:27 AM
20	Don't drain the best resource in the Sierras!	9/12/2021 6:54 PM
21	See comments above re South Lake water levels	9/12/2021 4:17 PM
22	N/a	9/12/2021 2:02 PM
23	Fix and extend boat ramps so boats can be launched when water levels are very low.	9/12/2021 6:55 AM
24	Do not add anymore rental opportunities. They have just the right amount of rentals available. Any more and it would be out of control. Again, Bishop creek is not what it used to be. I have been going up there for 45 years. The last 5-7 years my family just bypasses Bishop creek and head for Mono county.	9/12/2021 12:02 AM

## Bishop Creek Reservoirs: Recreational Use Survey

25	more water in he lake	9/11/2021 9:39 PM
26	Stop draining South Lake or not allowing enough water to be able to boat on it.	9/11/2021 9:22 PM
27	Updated boats.	9/11/2021 7:36 PM
28	South lake wasn't even accessible 2021. I get it was a low snow year but lake level was primarily driven by electric usage	9/11/2021 6:14 PM
29	Please keep water levels up so boating is available	9/11/2021 5:31 PM
30	Minimal motor boats please	9/11/2021 3:47 PM
31	Keep water in the reservoir	9/11/2021 1:11 PM
32	Try and maintain reasonable lake level at South Lake	9/10/2021 4:57 AM
33	The interest in boating is directly proportional to the water levels of the lakes.	9/4/2021 9:31 AM
34	Need to get water levels back up first.	8/31/2021 4:27 PM
35	Having water in the lakes would help alot.	8/6/2021 5:02 PM
36	Proper enforcement of parking regulations would help. Overnight forest users often park for long periods of time in day use spaces. More parking in general. Better signage.	8/5/2021 3:41 PM
37	Open up for rental	7/16/2021 2:49 PM
38	More fish to catch when we use our boat	7/6/2021 7:36 PM
39	Personal boat trailer parking at South Lake is terrible mostly on the weekends and holidays. I don't know how it can be remedied but it needs to be remedied.	6/1/2021 1:42 PM
40	Please fix boat ramps at all lakes. They're very outdated and dangerous to use.	5/29/2021 5:10 PM
41	More fish	5/26/2021 12:37 PM
42	intake 2 is compromised by the shooting area across the hwy 168 from intake 2. close that shooting area where sce dumps material dredged from reservoir. shooting is dangerous close to intake 2	5/25/2021 8:28 PM
43	Institute and enforce speed limits	5/24/2021 2:54 PM
44	All the rental boats in the canyon are extremely old and dangerous it should be required to replace the boats with newer boats that are more safe and reliable	1/11/2021 2:28 PM
45	Parking at south lake	1/8/2021 4:03 PM
46	Mid week discount	1/7/2021 7:34 PM
47	More boats at Sabrina and a lower price would be nice	1/7/2021 6:12 PM

### Q36 If overnight facilities were available at the Bishop Creek Reservoirs, would you utilize them?

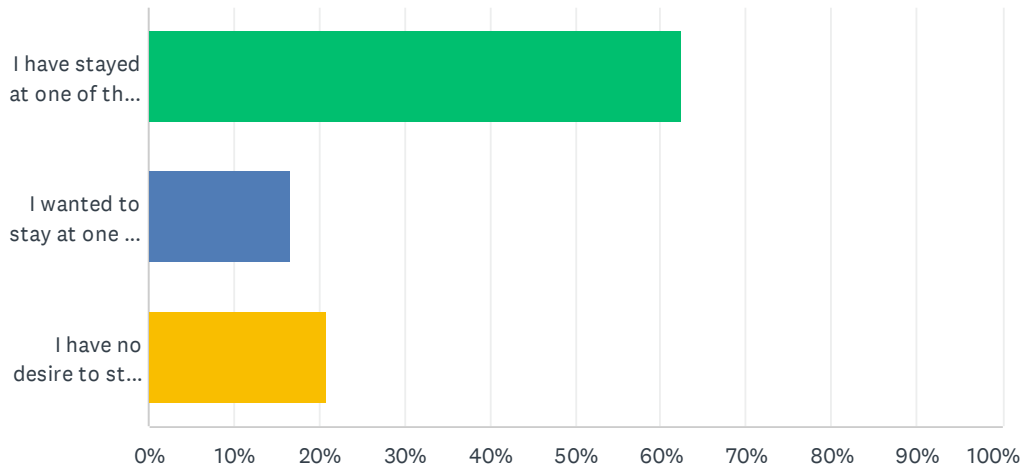
Answered: 294 Skipped: 67



ANSWER CHOICES	RESPONSES	
Yes	62.93%	185
No	37.07%	109
TOTAL		294

### Q37 Have you previously stayed or wanted to stay at a developed campground near the Bishop Creek Reservoirs? (The following questions will simply refer to these as, "the campgrounds".)

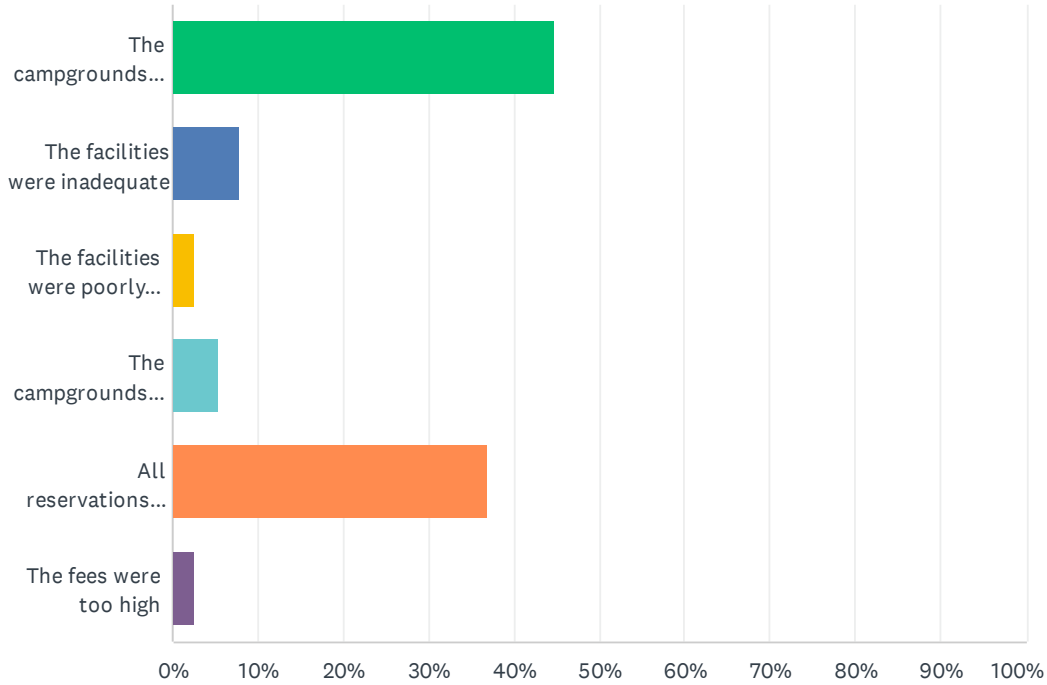
Answered: 293 Skipped: 68



ANSWER CHOICES	RESPONSES	
I have stayed at one of the developed campgrounds	62.46%	183
I wanted to stay at one of the developed campgrounds, but something prevented me from doing so	16.72%	49
I have no desire to stay at a developed campground near the Bishop Creek Reservoirs	20.82%	61
<b>TOTAL</b>		<b>293</b>

### Q38 Which of the following best describes what prevented you from using one of the developed campgrounds in the past?

Answered: 38 Skipped: 323



ANSWER CHOICES	RESPONSES
The campgrounds were too crowded	44.74% 17
The facilities were inadequate	7.89% 3
The facilities were poorly managed and maintained	2.63% 1
The campgrounds were not in the location I desired	5.26% 2
All reservations were booked	36.84% 14
The fees were too high	2.63% 1
<b>TOTAL</b>	<b>38</b>

#	OTHER (PLEASE SPECIFY)	DATE
1	U.s. Forest Service closed the forest for no reason two years in a row.	9/23/2021 9:13 AM
2	Fire	9/12/2021 6:19 AM
3	Fees are too high !!!	8/11/2021 6:12 AM
4	lack of water and not being able to reserve	8/5/2021 1:23 PM
5	Was not prepared to camp	7/14/2021 10:02 PM
6	Unknown area - still learning about it. When we stay in the future, we would want a quiet camping site that is not too crowded.	6/4/2021 9:37 PM

## Bishop Creek Reservoirs: Recreational Use Survey

7	Need more reservable spots online since we live 6 hours away and don't want to show up without a site	5/26/2021 11:21 PM
8	No time on my part	1/10/2021 5:34 PM
9	i DON'T LI9KE TO CAMP NEAR MOTOR HOMES	1/10/2021 5:01 PM
10	Just didn't camp. Not yet to facilities.	1/7/2021 7:35 PM

## Q39 Please provide any additional detail on why you did not stay at one of the developed campgrounds?

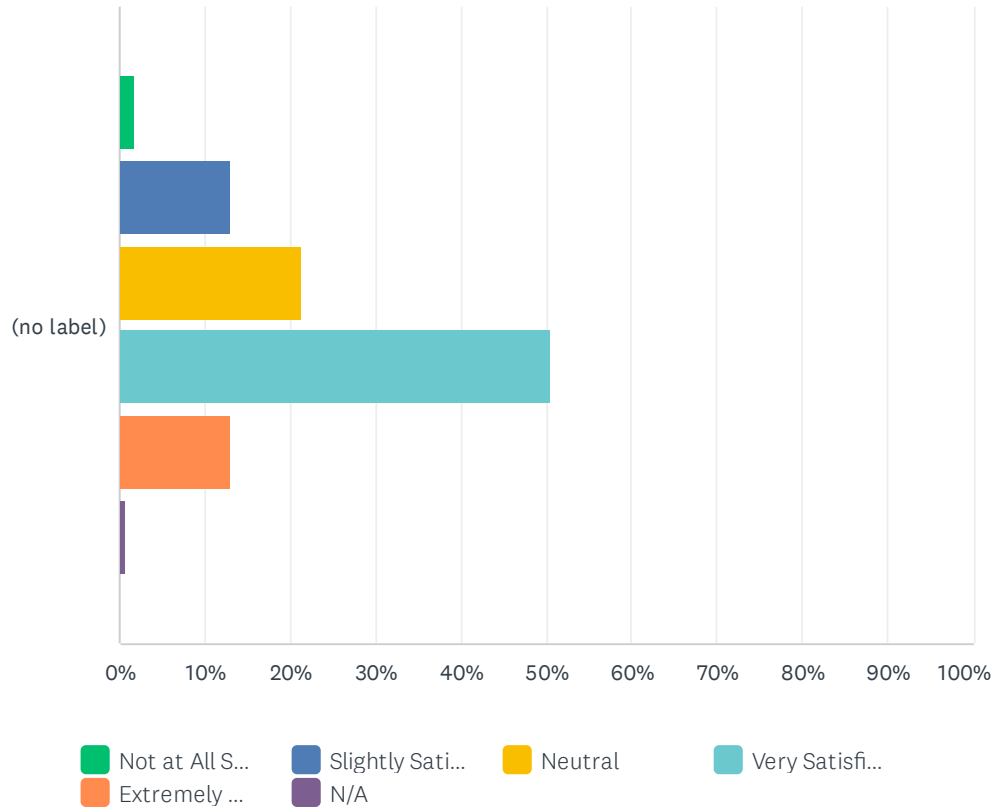
Answered: 17 Skipped: 344

#	RESPONSES	DATE
1	Unfounded forest service closures the last 2 years	9/23/2021 9:13 AM
2	Would like to see camping opportunities at the pack station located by South Lake, and places to board my horses.	9/22/2021 9:08 AM
3	Na	9/21/2021 6:06 PM
4	Because I live in Bishop, it has been better to go home to quiet, even though we would like to camp out.	9/18/2021 2:14 PM
5	No available sites	9/12/2021 6:19 AM
6	Hard to make reservations Sites inadequate	9/11/2021 7:53 PM
7	Always crowded.	9/11/2021 6:15 PM
8	Didn't want to pull trailer up curvy roads. Too hot for tent camping in the summer.	8/31/2021 4:30 PM
9	Too much demand and not enough available spaces for campers. Fees are too high.	8/11/2021 6:12 AM
10	Was not prepared for camping	7/14/2021 10:02 PM
11	Lack of camp sites on weekends	7/6/2021 10:02 PM
12	no space available	6/10/2021 12:07 PM
13	Prefer higher elevation campgrounds to acclimatize overnight before the backpacking trips.	6/7/2021 6:02 PM
14	Not enough information on the internet to make a decision. Unfamiliar with campgrounds. Internet shows they are large. Need to see in person, to know if there is shade, etc.	6/4/2021 9:37 PM
15	I could not get a reservation	4/16/2021 9:18 PM
16	Too many people and stuff is too booked up.	1/8/2021 11:41 AM
17	Usually not available	12/23/2020 9:52 AM



## Q40 How would you rate your overall satisfaction with the campgrounds you have used?

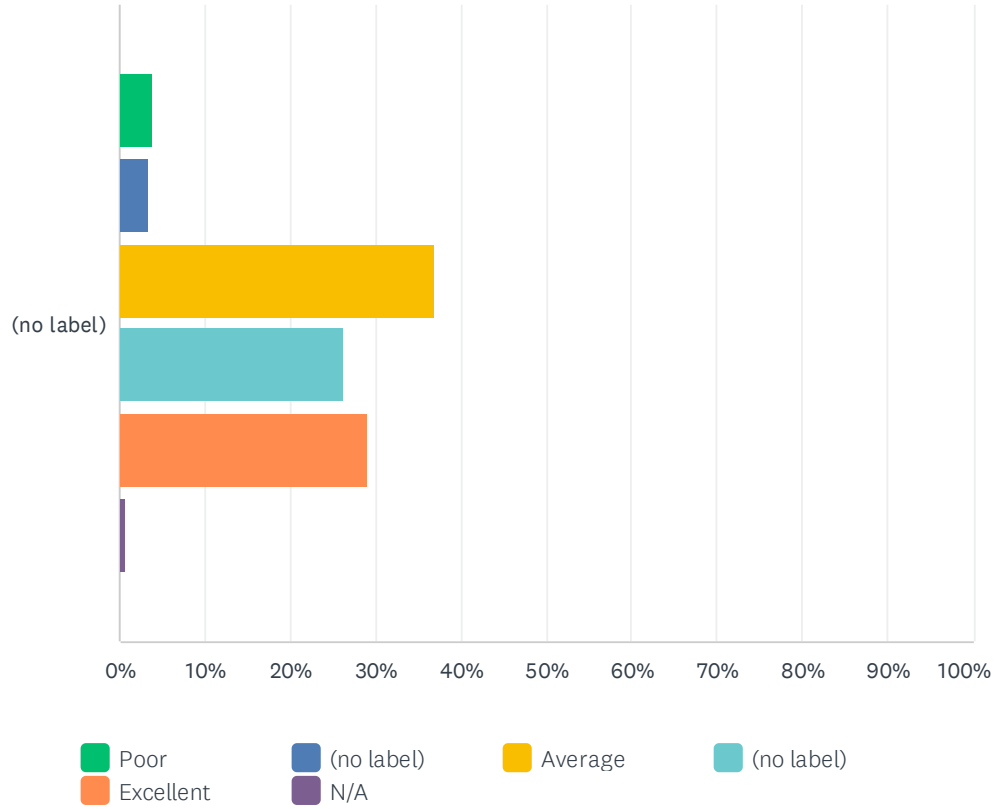
Answered: 178 Skipped: 183



	NOT AT ALL SATISFIED	SLIGHTLY SATISFIED	NEUTRAL	VERY SATISFIED	EXTREMELY SATISFIED	N/A	TOTAL	WEIGHTED AVERAGE
(no label)	1.69% 3	12.92% 23	21.35% 38	50.56% 90	12.92% 23	0.56% 1	178	3.60

### Q41 How would you rate the condition, management, and cleanliness of the campgrounds you have used?

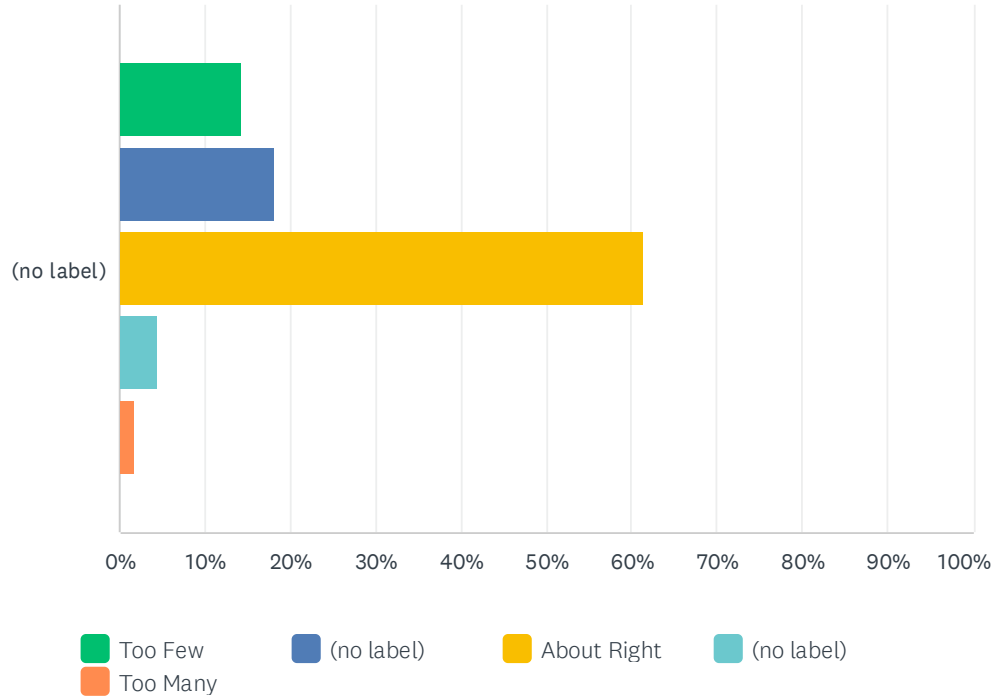
Answered: 179 Skipped: 182



	POOR	(NO LABEL)	AVERAGE	(NO LABEL)	EXCELLENT	N/A	TOTAL	WEIGHTED AVERAGE
(no label)	3.91%	3.35%	36.87%	26.26%	29.05%	0.56%	179	3.74
	7	6	66	47	52	1		

## Q42 How would you rate the number of campgrounds near the Bishop Creek Reservoirs?

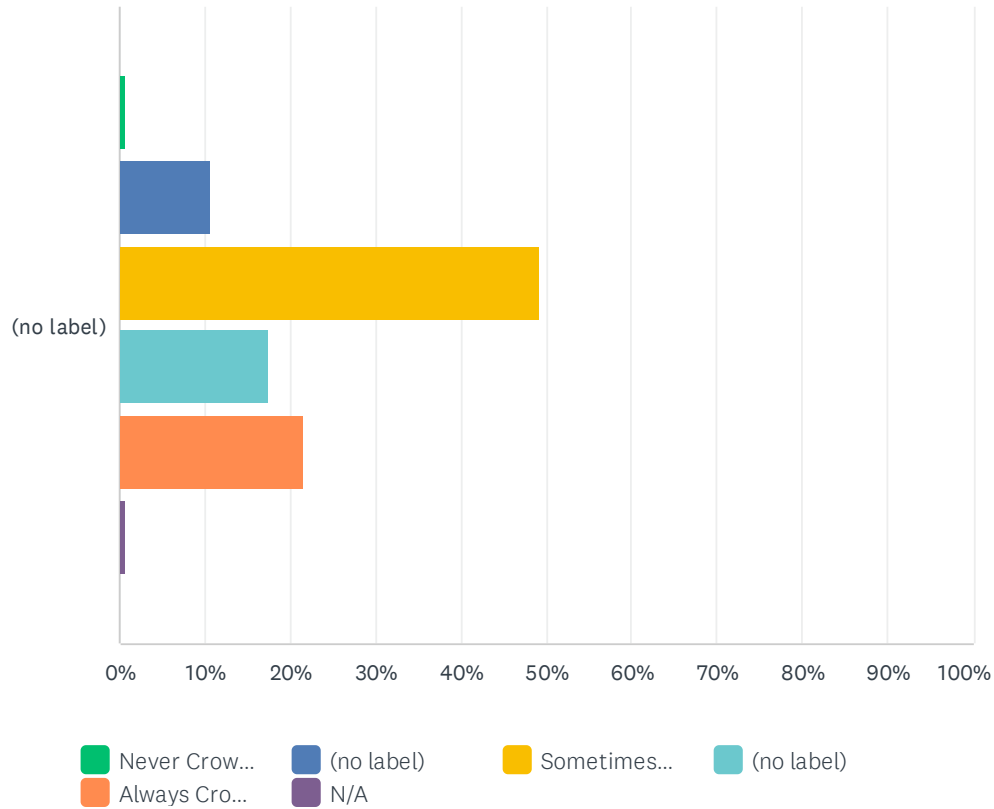
Answered: 176 Skipped: 185



	TOO FEW	(NO LABEL)	ABOUT RIGHT	(NO LABEL)	TOO MANY	TOTAL	WEIGHTED AVERAGE
(no label)	14.20% 25	18.18% 32	61.36% 108	4.55% 8	1.70% 3	176	2.61

### Q43 In general, for your combined trips to the campgrounds, how crowded do you usually feel?

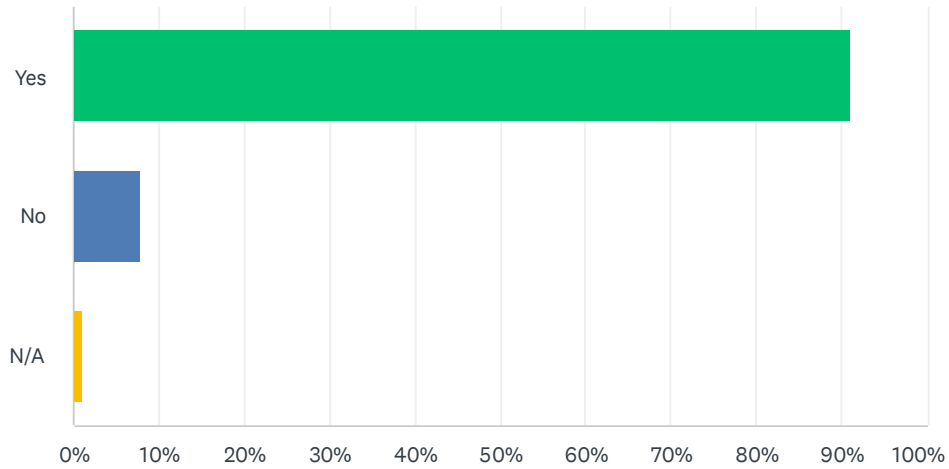
Answered: 177 Skipped: 184



	NEVER CROWDED	(NO LABEL)	SOMETIMES CROWDED	(NO LABEL)	ALWAYS CROWDED	N/A	TOTAL	WEIGHTED AVERAGE
(no label)	0.56%	10.73%	49.15%	17.51%	21.47%	0.56%	177	3.49
	1	19	87	31	38	1		

### Q44 If the campgrounds were more crowded, would your experience diminish?

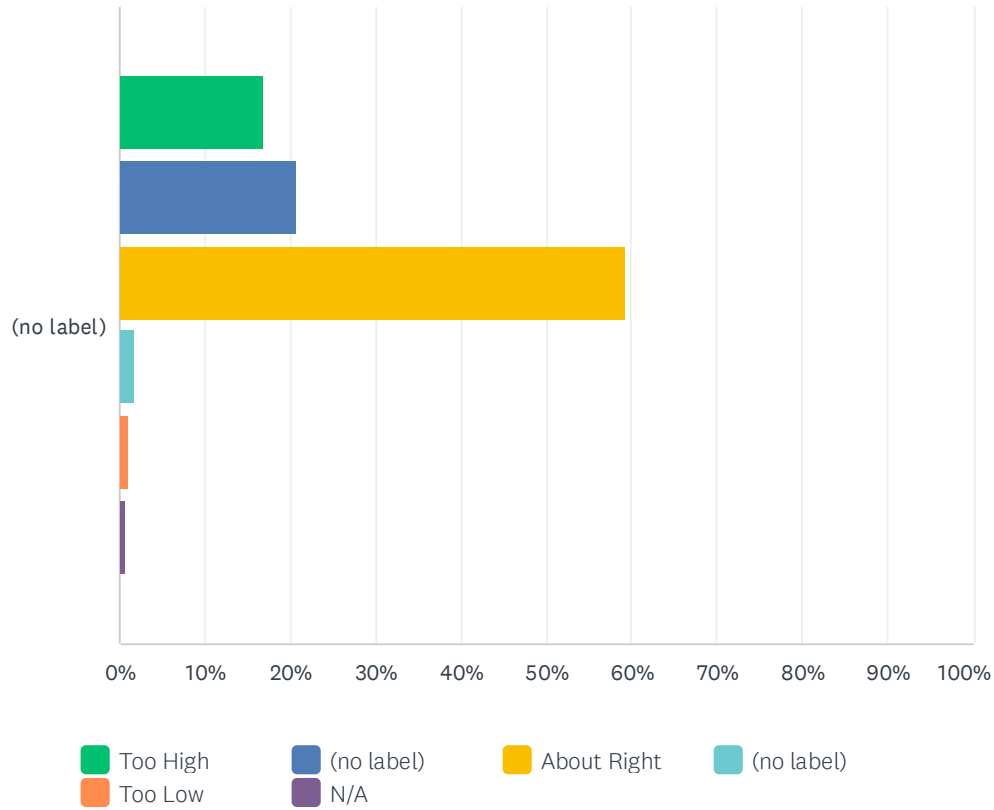
Answered: 179 Skipped: 182



ANSWER CHOICES	RESPONSES	
Yes	91.06%	163
No	7.82%	14
N/A	1.12%	2
<b>TOTAL</b>		<b>179</b>

### Q45 How would you rate the fees associated with the campgrounds?

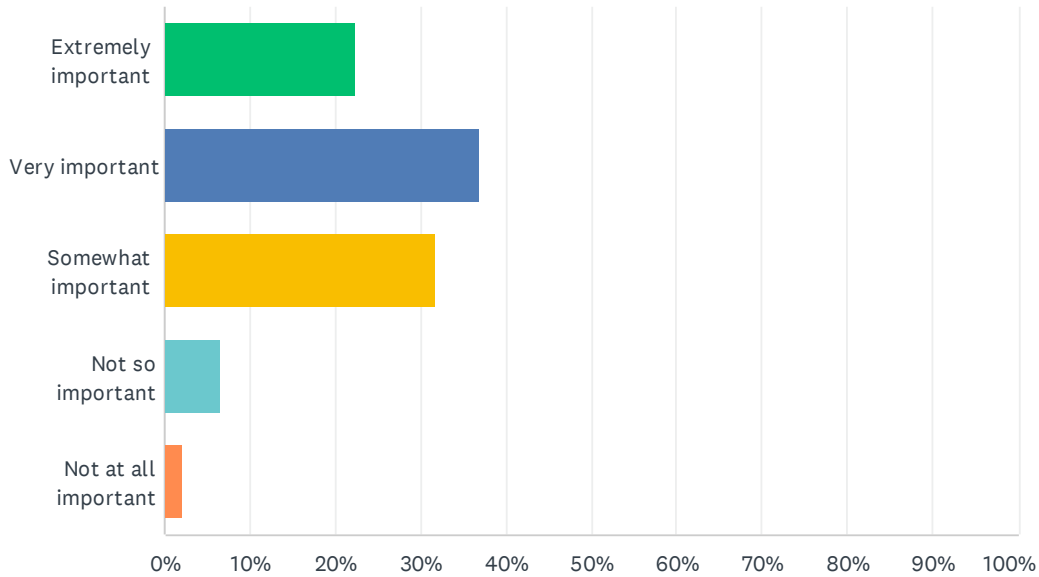
Answered: 179 Skipped: 182



	TOO HIGH	(NO LABEL)	ABOUT RIGHT	(NO LABEL)	TOO LOW	N/A	TOTAL	WEIGHTED AVERAGE
(no label)	16.76% 30	20.67% 37	59.22% 106	1.68% 3	1.12% 2	0.56% 1	179	2.49

### Q46 How important is the location or proximity of campgrounds to your preferred recreational activity?

Answered: 179 Skipped: 182



ANSWER CHOICES	RESPONSES	
Extremely important	22.35%	40
Very important	36.87%	66
Somewhat important	31.84%	57
Not so important	6.70%	12
Not at all important	2.23%	4
<b>TOTAL</b>		<b>179</b>

## Q47 Please provide any additional detail on how we can improve or expand campground facilities near the Bishop Creek Reservoirs.

Answered: 61 Skipped: 300

#	RESPONSES	DATE
1	Less RV campsites and more tent campsites.	11/24/2021 11:54 AM
2	As locals, ages over 75, we no longer use the campground facilities...when we do use them we were satisfied	10/3/2021 9:21 AM
3	Allow for day-use parking and recreation during winter season closure. Easiest solution as roads are accessible.	9/23/2021 8:13 AM
4	OHV access to Coyote Flats	9/22/2021 7:01 PM
5	stop the on line reservation and put it back to first come first serve because people reserve these and then never show up and the camp site sits empty because the campground host cant let anybody use it once it has been reserved	9/22/2021 6:40 PM
6	More	9/22/2021 11:58 AM
7	Keep open.	9/22/2021 10:14 AM
8	Most interested in trail head and backpacker facilities like parking and day of arrival camping.	9/20/2021 3:56 PM
9	We generally stay at Four Jeffrey. It is nice that some of the roadways were updated last year but not all for some reason. Might need some more trash bins as big weekends that end up overflowing.	9/20/2021 9:49 AM
10	They seem adequate to me	9/18/2021 10:51 AM
11	Views from campsite are important	9/16/2021 1:51 PM
12	The fees are outrageous. Recreation america fees structure prices people out of camping AND MANY SITES SITE OPEN AND NOT ABLE TO USE BECAUSE THEY ARE RESTRICTED TO RESERVATIONS. WHILE PEOPLE UP THERE ARE UNABLE TO USE ON SITE.	9/15/2021 10:30 PM
13	Give a locals discount!	9/15/2021 1:44 PM
14	Have the sites more level.	9/15/2021 11:07 AM
15	Stop raising prices	9/14/2021 1:44 PM
16	rangers need to monitor campgrounds for folks who build too large of campfires	9/14/2021 11:16 AM
17	More oversight by personnel to clean and maintain	9/14/2021 7:34 AM
18	Provide greater access and oversight to the campgrounds for this and future generations.	9/13/2021 10:28 AM
19	Shower facilities would be a big plus	9/12/2021 4:19 PM
20	Camp site are to small for newer rigs. 4 Jeffrey's is almost impossible to find a space large enough to park a 30 plus foot trailer. And roses in campground is narrow	9/12/2021 2:06 PM
21	Need additional restroom and fish cleaning areas. Need cleaning station for dishes.	9/12/2021 7:15 AM
22	Do not change a thing! Do not add more lodging facilities. Bishop creek is already over crowded and being destroyed.	9/12/2021 12:04 AM
23	Improve the roads in the campground	9/11/2021 4:58 PM
24	I like to camp in the winter too, but only lower elevation camping is open.	9/11/2021 3:49 PM
25	Stop closing them every summer	9/11/2021 1:39 PM
26	Don't increase capacity. Keep the sites spaced out. When large parties show up at a	9/4/2021 9:35 AM



## Bishop Creek Reservoirs: Recreational Use Survey

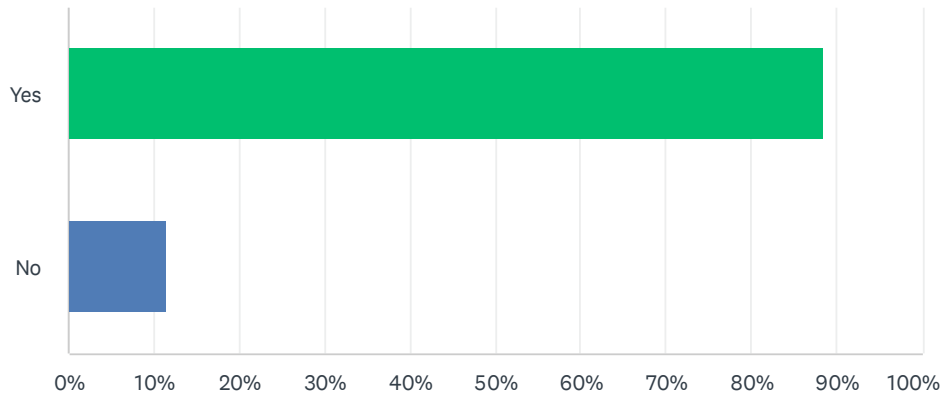
	campground, it can ruin the experience for others due to the amount of noise produced.	
27	I would not recommend expanding campgrounds. Use is already very high and overnight use can cause more impacts than day use.	9/1/2021 11:43 AM
28	They should not be expanded. These areas are over crowded as it is . Improve them by making less camp sites per campground so the campground isn't crowded. Stop people from parking anywhere they want	8/31/2021 4:41 AM
29	Please try to keep up with campground maintenance (particularly the interior road pothole/ruts and removal of any graffiti).	8/30/2021 10:33 PM
30	As I mentioned before...the campgrounds are overrun with large RVs. There needs to be MORE campgrounds for TENTS ONLY. it's like all the campsites are so close together that if you are in a tent surrounded by RVs it takes away from the camping experience. It's like living in a neighborhood. RVs take away from the beauty of nature and the quiet because they run generators. I'm 65 and I still love to tent camp, but up Bishop Creek the campgrounds seem to favor RVs leaving no quality spaces for tents only.	8/23/2021 11:29 AM
31	Occasional issues with hosts. Not very often but sometimes.	8/22/2021 9:02 PM
32	Do not expand campground facilities. This will make other uses more crowded.	8/21/2021 10:36 AM
33	Better reservation system	8/16/2021 12:06 PM
34	Since we now live here, we don't camp any more. However, we do drive through to check out the sites we always loved. The campgrounds seem to be in very poor condition.	8/6/2021 5:04 PM
35	Nobody wants to camp out in the open. Do not decommission any of the preferable sites along the streams. There are underutiized day use areas below South Lake that used to be campgrounds and should be reopened. More of the campgrounds and campsitres should be reserveable.	8/5/2021 3:45 PM
36	Open up the flush toilets and turn the water on in upper intake II campground and lower the price	7/16/2021 2:52 PM
37	Campfire smoke detracts from the experience and can be extremely unhealthy. May some of the campgrounds campfire free (remove rings, ban wood fires) similar to what is done in Canada. Do NOT try to have only a section of a campground campfire free, it doesn't work (as Canada has also demonstrated).	7/13/2021 11:38 AM
38	Although usually clean, the restrooms seem very dated, which gives them a dirty feel. For the price you are charging for a campsite, I would expect better facilities. Basically you are getting a piece of dirt with not much else. The picnic tables are in dire need of new paint as well.	7/7/2021 3:08 PM
39	Camp grounds are always best near streams or fishing/hiking locations	7/6/2021 7:38 PM
40	Have less reserved sites	6/26/2021 3:02 PM
41	The facilities are dated and in poor condition. They need to be redesigned to accommodate todays user. There needs to be better parking, nicer facilities and formalized trails that connect the campgrounds to the resource.	6/23/2021 3:31 PM
42	Better parking, improved water systems	6/23/2021 12:59 PM
43	Hosts are generally OK but occasionally have been inattentive to issues such as rude campers, noise, and stay limits. I have cplained to the PIO of Inyo National Forest with mostly positive results but the management company isn't as responsive until I have filed a formal complaint.	6/18/2021 7:01 PM
44	I normally stay at Cardinal Village cabins	6/16/2021 12:55 PM
45	shuttle to hiking trails, or lakes	6/10/2021 3:51 PM
46	I've have stayed at Four Jeffrey, North Lake and Willow and other campgrounds several times. They are all either in forest or in the canyon so the camp sites get morning sun late. If you build a new campground I'd recommend it be put in a place that gets early light in the morning.	6/8/2021 5:32 PM
47	There need to be more campgrounds and there should be advanced reservations for at least half of the campsites. The having to race to a first-come campsites can get frustrating and unpleasant.	6/7/2021 7:33 PM

## Bishop Creek Reservoirs: Recreational Use Survey

48	larger, flatter campsite parking, more campgrounds open, have "no generator" loops or campgrounds. NOT tent only, but no generators would make camping much more pleasant.	6/6/2021 7:18 AM
49	Walk In backpackers campgrounds would be a great addition to the area.	5/27/2021 10:48 PM
50	More fish	5/26/2021 12:39 PM
51	Lighting around restrooms	5/26/2021 12:19 PM
52	intake 2 is compromised by the shooting area across the hwy 168 from intake 2. close that shooting area where sce dumps material dredged from reservoir. shooting is dangerous close to intake 2	5/25/2021 8:29 PM
53	They should not have a private company operating them, Forest Service should do that.	3/10/2021 5:05 PM
54	Don't expand but perhaps upgrade the USFS facilities. Some are "tired."	2/19/2021 3:49 PM
55	There needs to be more care given to the campgrounds and the flora fauna around campgrounds campgrounds	1/11/2021 2:30 PM
56	We like that most campsites are first come first served.	1/8/2021 4:11 PM
57	Level the sites. It appears the sites slowly erode and it goes unnoticed	1/7/2021 7:40 PM
58	There are too many people already. Please dont do anything that would make things more crowded. Please don't do anything that would diminish the outdoor experience (i.e. any more development, anything to attract more crowds)	1/7/2021 7:01 PM
59	Open ALL of them, 2020 was embarrassing how few were Open	1/7/2021 5:02 PM
60	Many Campgrounds were thrashed in 2020. Bitter brush was out of control with campers ignoring all the rules. Fire pits were routinely filled with trash.	1/7/2021 4:31 PM
61	Need one night use campgrounds specifically for backpackers into the wilderness.	1/7/2021 4:23 PM

### Q48 Have you ever used trailheads at the Bishop Creek Reservoirs (e.g., Sabrina Basin Trailhead; Bishop Pass Trailhead) to access the John Muir Wilderness?

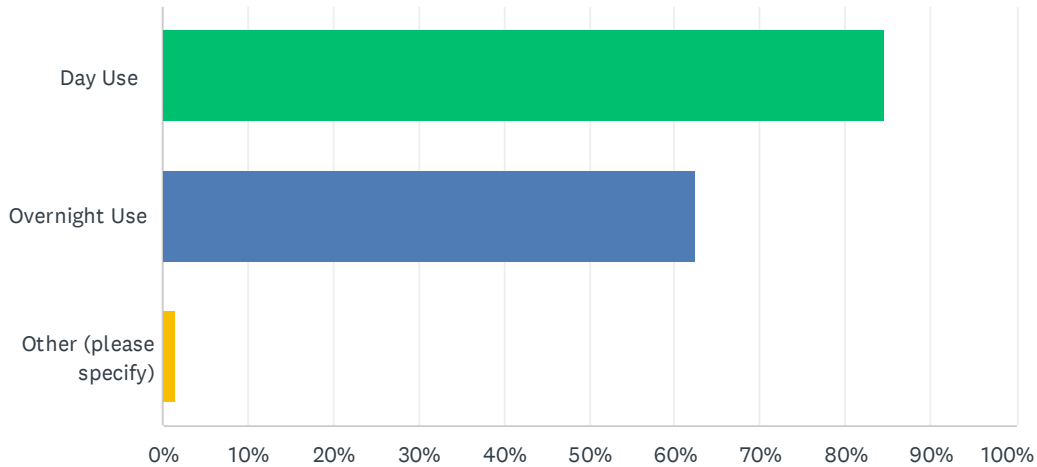
Answered: 288 Skipped: 73



ANSWER CHOICES	RESPONSES	
Yes	88.54%	255
No	11.46%	33
TOTAL		288

### Q49 Which type of use do you prefer when accessing the John Muir Wilderness? (Select all that apply)

Answered: 253 Skipped: 108



ANSWER CHOICES	RESPONSES
Day Use	84.58% 214
Overnight Use	62.45% 158
Other (please specify)	1.58% 4
Total Respondents: 253	

#	OTHER (PLEASE SPECIFY)	DATE
1	Back packing	9/11/2021 8:41 PM
2	For climbing	8/15/2021 4:12 PM
3	Backcountry overnight use.	7/18/2021 2:18 PM
4	Cross Country	7/6/2021 10:06 PM

## Q50 If driving to the area, please briefly describe where and how you park your vehicle before accessing the John Muir Wilderness.

Answered: 215 Skipped: 146

#	RESPONSES	DATE
1	I would be dropped off or take a shuttle if available.	12/4/2021 1:29 PM
2	South Lake Trailhead, Lake Sabrina, North Lake	11/24/2021 11:56 AM
3	Trailhead parking	11/10/2021 1:48 PM
4	Park at South Lake or at North Lake.	11/10/2021 9:17 AM
5	At the lake trailheads	11/9/2021 4:39 PM
6	Where ever I can find a space	11/9/2021 3:51 PM
7	backpackers parking	11/6/2021 7:40 AM
8	Trailhead parking.	10/21/2021 6:23 PM
9	Where I can	10/8/2021 12:01 PM
10	In a lot	10/3/2021 9:05 AM
11	Sabrina and South Lake trailheads	10/2/2021 9:22 AM
12	Parking lot or side of road	9/26/2021 9:45 AM
13	In the parking lot closest to the trailhead.	9/25/2021 3:02 PM
14	day use area parking	9/24/2021 9:27 AM
15	At Trailhead parking area	9/23/2021 8:42 PM
16	In The Parking Lot.	9/23/2021 1:51 PM
17	Get there early to find parking spots closer to where I'm going	9/23/2021 9:48 AM
18	At the parking area near the wooden horse Bridge.	9/23/2021 9:14 AM
19	Designated parking lot at trailhead when available.	9/23/2021 8:15 AM
20	Parking only in designated parking areas.	9/22/2021 7:28 PM
21	Any uncrowded trail head with parking	9/22/2021 7:02 PM
22	Parking lots at the reservoirs.	9/22/2021 3:14 PM
23	trailhead	9/22/2021 11:18 AM
24	Pack station, or on the side of the road.	9/22/2021 9:10 AM
25	Trailhead parking	9/22/2021 9:08 AM
26	use parking lot	9/22/2021 8:33 AM
27	Park ok the side of the road	9/21/2021 8:59 PM
28	south lake, north lake	9/21/2021 7:04 PM
29	We park in the day-use parking lot or overnight parking lot, whichever applies to our activity.	9/21/2021 5:59 PM
30	Where ever I can get close to starting point.	9/20/2021 3:58 PM
31	Generally out of South Lake and either up the Bishop Pass or mostly to Brown and Green Lake for fishing.	9/20/2021 9:51 AM

## Bishop Creek Reservoirs: Recreational Use Survey

32	In the parking lot at South Lake	9/19/2021 2:41 PM
33	At Lake Sabrina I usually park along the road between the trailhead and the creek crossing below the dam. At South Lake I usually park where I can find a spot.	9/19/2021 9:08 AM
34	south lake trailhead, sabrina trailhead	9/19/2021 7:48 AM
35	Use single car. Try to get to parking areas early to get a parking place, especially at Lake Sabrina, but both lakes have parking issues during summer crowds. Also, the overnight lot at South Lake is almost always full. Lake Sabrina has lots of parking issues for trailhead use.	9/18/2021 3:43 PM
36	Designated hiker parking places.	9/18/2021 2:16 PM
37	There used to be more but lately fewer parking spaces are available	9/18/2021 10:54 AM
38	Arrive early to claim one of few parking spaces	9/18/2021 10:15 AM
39	We look for designated parking areas to leave our vehicle. Roadside and specific parking areas.	9/17/2021 5:46 PM
40	Park at north lake or south lake	9/16/2021 1:52 PM
41	At trailhead if possible, sometimes down by Parchers or the North Lake turn for Sabrina.	9/16/2021 9:25 AM
42	4 miles down the road and hope car isnt stolen	9/15/2021 10:31 PM
43	In an overnight parking spot	9/15/2021 1:45 PM
44	Pack station parking or Sabrina or south lake lot.	9/15/2021 11:08 AM
45	I like to park in the day use are for overnight use.	9/14/2021 3:02 PM
46	South lake, Sabrina	9/14/2021 1:48 PM
47	We day hiked, so parking was not a problem. But those days are long gone !	9/14/2021 12:40 PM
48	Try and park as close to trail head as possible for safety in numbers, others keeping an eye out on vehicles.	9/14/2021 11:44 AM
49	South Lake parking lot if available spots	9/14/2021 11:17 AM
50	South lake parking lot	9/14/2021 9:25 AM
51	As close to the trail head as possible.	9/14/2021 7:35 AM
52	At specified trailheads.	9/13/2021 10:29 AM
53	Park in designated area,	9/12/2021 7:18 PM
54	South Lake West end parking lot	9/12/2021 4:20 PM
55	Parking spot	9/12/2021 12:44 PM
56	Side of road near hiker parking	9/12/2021 10:22 AM
57	In the lots at south lake	9/12/2021 8:43 AM
58	Road side	9/12/2021 7:16 AM
59	Park at South Lake overnight parking	9/12/2021 6:58 AM
60	At the designated parking	9/12/2021 6:20 AM
61	Nowadays, this place is too overcrowded. Too many day use folks. 90% of time have to park in overflow parking off the trailhead.	9/12/2021 12:09 AM
62	I ususally camp at Sabrina campground and walk to the trailhead. We drive to the trailheads at South Lake	9/11/2021 10:53 PM
63	north lake parking lot	9/11/2021 9:40 PM
64	South Lake	9/11/2021 8:41 PM
65	Na	9/11/2021 7:54 PM

## Bishop Creek Reservoirs: Recreational Use Survey

66	Bishop pass trailhead	9/11/2021 6:15 PM
67	Trailhead parking	9/11/2021 5:35 PM
68	In the parking lot of trail head	9/11/2021 4:59 PM
69	Public parking	9/11/2021 4:52 PM
70	Trailhead at south lake, along the road near parchers resort, north lake near the horse outfitters, lake Sabrina	9/11/2021 3:52 PM
71	Parking lots	9/11/2021 3:36 PM
72	I park as close as I can get to the trailhead. Parking is usually crowded and stressful.	9/11/2021 12:41 PM
73	I have used the South Lake and North Lake parking lots,along with the road side parking for the Sabrina road side.	9/11/2021 9:55 AM
74	South Lake	9/10/2021 5:00 AM
75	Overnight Parking Areas	9/5/2021 1:49 PM
76	Usually at the dark parking sections at one of the major lakes (Sabrina/South Lake)	9/4/2021 9:36 AM
77	at the trailhead parking	9/1/2021 11:45 AM
78	I arrive early enough to park in a designated parking space, if there is no space I go somewhere else	8/31/2021 4:43 AM
79	As close to the trailhead as possible.	8/30/2021 10:37 PM
80	offsite	8/24/2021 10:36 AM
81	I try to park in overnight area when I'm backpacking, and day use parking when I'm day hiking.	8/23/2021 11:31 AM
82	At the lake/trailhead parking	8/22/2021 9:03 PM
83	I have parked at South Lake, Lake Sabrina, and North Lake.	8/21/2021 10:37 AM
84	At the trailhead	8/18/2021 12:53 PM
85	Parked legally as close to the trailhead as possible. At South Lake, this requires an early arrival.	8/18/2021 12:42 PM
86	Overnight hikers parking lot	8/16/2021 12:06 PM
87	In the day use or the overnight lots at South Lake	8/15/2021 4:12 PM
88	In the available parking areas (if available) otherwise on the access road (roadside parking). There are TOO FEW parking spaces for day hikers and overnight hikers, and the poarking lot get full quickly !!!	8/11/2021 6:15 AM
89	Trailhead	8/10/2021 10:19 PM
90	Day use parking lot	8/8/2021 12:50 PM
91	South lake overnight parking	8/7/2021 9:52 AM
92	At the trailhead parking.	8/6/2021 5:05 PM
93	Long-term parking	8/6/2021 2:40 PM
94	Park at South Lake to hike into lakes near Bishop Pass	8/6/2021 11:30 AM
95	As close to the trailhead as allowed.	8/5/2021 3:49 PM
96	Overnight parking lot.	8/5/2021 1:54 PM
97	I could always find day use parking but overnight parking would be a bit harder especially up at North Lake.	8/5/2021 1:25 PM
98	Use provided parking areas.	8/5/2021 9:13 AM
99	In designated parking lots	8/3/2021 8:21 PM

## Bishop Creek Reservoirs: Recreational Use Survey

100	At the trailheads and at private property	7/25/2021 3:05 PM
101	Use designated parking areas/lots.	7/18/2021 4:13 PM
102	I park in the day hiker or overnight hiker sections.	7/18/2021 2:18 PM
103	Side of the road as close to the trailhead as possible	7/16/2021 3:07 PM
104	In the designative spots .	7/16/2021 2:54 PM
105	Drive in from the main road from Bishop, CA. Parked on the side of the road before crossing a bridge to the boat launch docks	7/14/2021 10:03 PM
106	South lake parking	7/14/2021 5:49 PM
107	The Day Use parking spots.	7/13/2021 6:22 PM
108	at the trailhead parking lot	7/13/2021 11:41 AM
109	I usually park in the south lake parking lot	7/13/2021 12:56 AM
110	Any parking lot near the trailhead. The overnight parking at Sabrina is very far from the TH though and it should be allowed to overnight park at the lake, too. Especially the little lot by the dam is almost never full, so why not allow overnights there, too?	7/12/2021 5:50 PM
111	Any area close to the trail of choice	7/11/2021 9:59 PM
112	South lake	7/11/2021 3:58 PM
113	You hope and pray for a parking spot. Otherwise, you start your hike before you hit the trail.	7/7/2021 3:10 PM
114	As close as I can to the trailhead or cross country access point. Roadside typical for less known trailheads or cross country. Parking lots for more formal and "larger" trailheads	7/6/2021 10:06 PM
115	Overnight parking designated areas	7/6/2021 9:01 PM
116	I want to park in the overnight lot located at the South Lake TH, but it's almost always full - including with day hikers - which means I've often had to park near Parcher's or even further at the dirt lot roughly 3 miles down the road. Not great when solo and with a full pack!!!	7/6/2021 6:41 PM
117	Where available, preferably in spots marked as overnight parking.	7/5/2021 4:07 PM
118	Overnight or day use parking lot depending on the whether I am backpacking. I tend to arrive early for day use, so almost never have to use overflow parking.	7/4/2021 6:55 PM
119	Park at trailhead and usually sleep in my vehicle the night before my hike starts.	7/4/2021 12:35 PM
120	trailhead	6/29/2021 9:14 PM
121	I either get someone to drop me off and pick me up or I use the overnight parking area	6/23/2021 3:34 PM
122	Any available	6/23/2021 1:57 PM
123	I use trailhead parking areas.	6/23/2021 1:00 PM
124	At a trailhead (North Lake, Sabrina, South Lake)	6/21/2021 3:06 PM
125	At designated trailhead parking areas.	6/18/2021 7:02 PM
126	In designated camper parking areas.	6/17/2021 2:12 PM
127	Park at either the parking areas closest to trail head if I can	6/16/2021 2:24 PM
128	Wherever I can find room. Designated parking usually fills up quickly, especially at South Lake.	6/15/2021 4:44 PM
129	overnight parking lots, which should be at the actual trailheads	6/15/2021 9:01 AM
130	I park in the trailhead parking lot, I make sure to get there very early to get a good parking spot	6/14/2021 10:09 PM
131	Sabrina trailhead parking and South Lake trailhead parking - also North Lake trailhead parking.	6/12/2021 10:52 AM
132	I drove from LA, dropped my husband at Kearsage, drove to LA, ten days later drove to Bishop pass trailhead. We would use public transport if available. Sometimes he hitchhikes.	6/10/2021 3:55 PM



## Bishop Creek Reservoirs: Recreational Use Survey

133	Available parking areas	6/10/2021 2:14 PM
134	as lose as possible to a chosen trailhead	6/10/2021 12:08 PM
135	I try to get a spot in the parking lot, but sometimes park down the road	6/10/2021 11:13 AM
136	Nearest overnight parking	6/9/2021 8:14 PM
137	Very difficult to find parking because trail head parking lots are full	6/9/2021 5:16 PM
138	I've always found a place to park at the South LAke over night camper's parking, but it is sometimes crowded. I have arranged trips where we park at the North Lake camper's parking, by the pack station, and then shuttle or take trails if our trip ends on the South Lake trail.	6/8/2021 5:38 PM
139	South Lake	6/8/2021 5:35 PM
140	overnight lots	6/8/2021 7:16 AM
141	parking lot or road below sabrina	6/8/2021 7:05 AM
142	South Lake	6/7/2021 9:26 PM
143	South Lake	6/7/2021 8:12 PM
144	Sabrina backpacker parking, which is too far from the trailhead, and the Bishop Pass trailhead, which has two few parking spaces.	6/7/2021 7:35 PM
145	In overnight parking lot near the trailhead.	6/7/2021 6:07 PM
146	Parking lot.	6/7/2021 11:30 AM
147	In the overnight lot or along the side of the road, depending on which trailhead and how busy it is	6/6/2021 7:55 AM
148	depends where there is room, Sabrina lake parking, side of road, north lake dirt parking, etc	6/6/2021 7:21 AM
149	either day use or overnight parking, sometimes all the way down the road.	6/4/2021 10:37 AM
150	Designated overnight trail parking.	6/2/2021 12:30 AM
151	South Lake hiker parking or overnight parking. Sabrina hiker parking or overnight parking.	6/1/2021 1:49 PM
152	Parking area at trailheads	6/1/2021 11:41 AM
153	Overflow overnight parking, as usually the overnight parking is full	6/1/2021 12:22 AM
154	Trailhead parking lot	5/31/2021 6:32 PM
155	North Lake, Sabrina Dam, South Lake	5/31/2021 5:39 PM
156	Car	5/30/2021 8:32 AM
157	For overnight use i park in the overnight parking. For day use i park as high as i can find a space	5/30/2021 8:09 AM
158	Lake Sabrina trail head	5/29/2021 5:12 PM
159	Trailhead parking	5/29/2021 5:03 PM
160	Trailhead parking	5/29/2021 10:50 AM
161	Lake Sabrina Parking	5/29/2021 10:35 AM
162	In the closest available trailhead lot, generally the morning of a backpacking trip.	5/27/2021 10:50 PM
163	At the overnight lot	5/26/2021 11:21 PM
164	in designated area	5/25/2021 8:30 PM
165	We park in the parking lot.	5/25/2021 1:07 PM
166	Closest parking spot for the intended purpose. Day use or overnight parking.	5/25/2021 6:57 AM
167	Current designated hiking and overnight spots	5/24/2021 5:34 PM

## Bishop Creek Reservoirs: Recreational Use Survey

168	Trailhead parking	5/24/2021 3:06 PM
169	I park in the lots.	5/24/2021 2:57 PM
170	Day hike we park at the TH parking. Overnight for South Lake we usually park at the TH, overnight at Sabrina we get dropped off by friends or family as the overnight parking is horrible there	5/23/2021 7:32 PM
171	At trailhead	5/11/2021 12:30 PM
172	Designated Backpacker Parking area	5/10/2021 3:29 PM
173	overnight parking	5/9/2021 11:28 PM
174	As close (and as safely) as possible to trailhead	4/21/2021 8:59 AM
175	Park near the trail heads in the parking lots	4/16/2021 9:18 PM
176	Sabrina Trailhead and South Lake Trailhead parking areas	3/11/2021 11:44 AM
177	South Lake trail head if there is parking if not near Rainbow Pack Station.	3/10/2021 5:07 PM
178	trailhead parking area	3/2/2021 1:51 PM
179	Parking at the day use area	2/26/2021 4:33 PM
180	Don't remember.	2/26/2021 9:49 AM
181	Hiker parking lot near South Lake. Roadside near Lake Sabrina and the hiker parking area near North Lake.	2/25/2021 6:56 PM
182	N. Lake parking, South Lake parking, turnouts on S. Lake Road, Highway 168 and N. Lake Road	2/19/2021 3:51 PM
183	Park at Vons in Bishop and ride the Bishop Creek Shuttle when hiking into the wilderness	2/11/2021 5:20 PM
184	Anywhere available	2/5/2021 7:32 AM
185	Trailhead parking	1/13/2021 9:18 AM
186	In the parking lots below lake Sabrina main parking area	1/11/2021 2:31 PM
187	Wherever there's space	1/10/2021 9:44 PM
188	Bishop Creek trailhead, North Lake Trailhead	1/10/2021 7:07 PM
189	in a parking area	1/10/2021 5:35 PM
190	Depends on where I'm going and if there is a safe and secure area to park.	1/10/2021 5:02 PM
191	Trailhead parking if available, otherwise overflow parking	1/8/2021 6:27 PM
192	From campground at Sabrina and parking lots at North Lake and South Lake	1/8/2021 4:19 PM
193	I get there super early so I park as close to the TH as possible	1/8/2021 11:42 AM
194	I park in the designated parking between the white lines	1/8/2021 10:03 AM
195	North lake	1/8/2021 9:56 AM
196	In the parking lot at South Lake, or the dirt parking area before Lake Sabrina	1/8/2021 7:59 AM
197	At the south lake trail head	1/7/2021 11:04 PM
198	Lake parking lots	1/7/2021 9:02 PM
199	At the trailhead where I want to hike from, or if no parking, down the hill on the side of the road. Parking is the major problem in the area	1/7/2021 8:42 PM
200	At thr closest trailhead	1/7/2021 8:09 PM
201	In the lot above South lake	1/7/2021 7:41 PM
202	Overnight parking area.	1/7/2021 7:36 PM

## Bishop Creek Reservoirs: Recreational Use Survey

203	I either have a friend shuttle me or I park in the area down the road where signage says overnight parking is allowed. That area can frequently be super packed and hazardous. I've seen overnigheters parking in the day-use areas many times as well.	1/7/2021 7:09 PM
204	At the trailhead. North Lake, Sabrina, and Bishop Pass, all of them. Lot usually is not full for me because I show up at 5-6am in summer. Showing up later in the day has been awful on some occasions. so many people for small parking lot (especially south lake). Im not sure if Im remember correct but it seemed like an especially burdensome effort to park a ways down the road (1/2 mile?) and walk up it, when on a tight schedule (i hike distances 15-25 miles on dayhikes) or with a very heavy overnight pack.	1/7/2021 7:06 PM
205	Side of the road which is dangerous	1/7/2021 6:14 PM
206	Whatever we can find	1/7/2021 6:11 PM
207	South lake parking or Sabrina hikers parking	1/7/2021 6:06 PM
208	Parking area	1/7/2021 5:03 PM
209	Nearest available parking to trailhead. Or along the side of the road in a pull off that seems safe to park in if there's no parking left.	1/7/2021 4:36 PM
210	Parking lots of the lake	1/7/2021 4:31 PM
211	South and North Lake parking lots, or side of the road for Sabrina.	1/7/2021 4:25 PM
212	typically in the provided lots, in appropriate parking spaces.	1/7/2021 4:22 PM
213	at trailhead parking spots	12/23/2020 9:53 AM
214	I have parked at the Bishop Pass trailhead parking lot for both day and overnight use, and at the pullouts near the Sabrina Lake trailhead for day use.	12/19/2020 6:00 PM
215	As close to the trailheads as I can.	12/16/2020 3:44 PM

## Q51 Please provide any additional detail on how we can improve accessibility to the John Muir Wilderness at the Bishop Creek Reservoirs.

Answered: 97 Skipped: 264

#	RESPONSES	DATE
1	Preserve the natural environment as much as possible.	12/4/2021 1:29 PM
2	More shuttles between trailheads. Wider shoulders on roads for bicycles. Secure bicycle storage boxes that would allow people to safely store their bicycle while hiking or backpacking.	11/24/2021 11:56 AM
3	Restore old system of walk in permits	11/10/2021 1:48 PM
4	the closures related to fires have been the main problem recently	11/6/2021 7:40 AM
5	Better overnight parking for Sabrina.	10/2/2021 9:22 AM
6	Better parking at Sabrina TH. More bus transportation from Bishop area.	9/23/2021 8:42 PM
7	Expand parking areas and allow access to campgrounds for day-use during winter closure (easiest solution).	9/23/2021 8:15 AM
8	Parking and signage	9/22/2021 7:02 PM
9	Add more spaces as most places to park are taken by hikers and/or fishermen.	9/22/2021 3:14 PM
10	Provide more parking, improved road conditions, skirting etc. Work with USFS for increased back and front country access, with more trails that horses can access.	9/22/2021 9:10 AM
11	Provide first access to locals	9/21/2021 5:59 PM
12	Trailhead camping is very helpful for those of us who have to drive a long way.	9/20/2021 3:58 PM
13	Some of the trails have been washed due to the recent rains this summer. Also, Brown Lake is very low as there is no flow coming in the inlet anymore. It appears there is blockage coming from Green and it bypasses the lake and goes to Bluff. Fishing was non-existent this past weekend(9/18) and it use to be full of small rainbows.	9/20/2021 9:51 AM
14	At South Lake there are a lot of people that cut between the trail and the parking lot without following the steps and round about route the trail takes. This is probably an indication the existing route (and the steps) is not optimal. If resource issues weighed on the route of the existing trail, it is worth noting that the cutting of the trail may result in more impacts than a properly constructed trail would.	9/19/2021 9:08 AM
15	Don't provide any more accessibility. No more trailhead parking.	9/18/2021 2:16 PM
16	Through photos and Reading articles	9/18/2021 10:54 AM
17	More parking	9/18/2021 10:15 AM
18	Provide shuttle services	9/15/2021 1:45 PM
19	Have parking at the trail head by North Lake campground	9/15/2021 11:08 AM
20	More water spigots near trailheads and bathrooms	9/14/2021 1:48 PM
21	do not allow overnight parking in lots....require overnight parking to be in bishop and use of shuttle bus only	9/14/2021 11:17 AM
22	Greater access to trail head parking	9/14/2021 7:35 AM
23	Greater access to day use hiking - more parking at all sites.	9/13/2021 10:29 AM
24	Adding more parking area	9/12/2021 6:58 AM
25	Cut down on the day use folks. Regulate day use like they way overnight use is. Again, this	9/12/2021 12:09 AM

## Bishop Creek Reservoirs: Recreational Use Survey

	resource is getting destroyed.	
26	Signage and staffing	9/11/2021 7:54 PM
27	Enforce parking rules	9/11/2021 6:15 PM
28	Na	9/11/2021 4:59 PM
29	N/A	9/11/2021 3:52 PM
30	More parking	9/11/2021 3:36 PM
31	More accessible parking near trailhead or manage who can park there.	9/11/2021 12:41 PM
32	Issue more hiking permits and eliminate the online tech red tape nonsense for reserving hiking permits.	9/11/2021 9:55 AM
33	Parking is very limited and often full at South Lake and North Lake. It would be reasonable to expand these parking lots. The daily shuttle is helpful, but would be more helpful if it ran more often. At North Lake, there should be more signage or physical barriers preventing cars from parking along the stretch of road across from the old Grass Lake trail before the turnoff for the main overnight parking area.	9/1/2021 11:45 AM
34	Leave it as it is	8/31/2021 4:43 AM
35	Improve the first mile or so of the Bishop Pass and Sabrina Basin trails so there aren't so many large, knee-killing rock steps.	8/30/2021 10:37 PM
36	Perhaps separate parking areas for day use and overnight use... it there would need to be enforcement of those rules....	8/23/2021 11:31 AM
37	Parking is very challenging. More parking or some sort of weekend shuttle system would be helpful (but shuttles would need to be frequent - the current once-daily shuttle is hard to use).	8/18/2021 12:42 PM
38	Need more parking	8/16/2021 12:06 PM
39	More campgrounds and more parking !!!	8/11/2021 6:15 AM
40	Very easy to access and good hiking. No improvements needed	8/6/2021 11:30 AM
41	Additional parking at South Lake for both overnight and day use. Enforcement is non-existent. Imprpove signage regarding overflow overnight parking on the South Fork of Bishop Creek.	8/5/2021 3:49 PM
42	It would be great to get a connecting trail from the North Lake TH to the parking areas so one doesn't have to deal with the dust and fast moving vehicles coming and going from the campground.	8/5/2021 1:25 PM
43	Please stop allowing dogs! Our trails are crowded enough with humans. Dogs are very bad for such a fragile natural environment.	7/18/2021 2:18 PM
44	Na	7/16/2021 2:54 PM
45	On busy season, I sometimes am parked a distance back, adding a half hour to an hour to my trip (finding parking and walking to the trailhead, getting out of the way of cars when I am walking).	7/13/2021 6:22 PM
46	see previous comment regarding eliminating horse manure from trails by requiring Horse Catch It bags or something similar. Note that packers are also not keeping the horses within the confines of the developed trail, resulting in trampling of the plants next to the trail.	7/13/2021 11:41 AM
47	More parking spaces	7/13/2021 12:56 AM
48	Allow overnight parking everywhere! Why does it matter where cars stay for how long?	7/12/2021 5:50 PM
49	More parking	7/11/2021 9:59 PM
50	There really is not much else you can do. You can't really make any more space than what there is.	7/7/2021 3:10 PM
51	More pull out parking at cross country access points (like canyons/gullies/creek beds) + dirt parking lots in place of restricted points + remove restricted access/land access issues along corridor.	7/6/2021 10:06 PM

## Bishop Creek Reservoirs: Recreational Use Survey

52	Please please please consider making the South Lake lot which is labeled as the overnight lot TRULY only for overnight users!!! I sat around for a long time last week waiting for a spot to clear...and eventually several spots did clear...all day hikers who could have parked in one of the MANY available day use slots in the lower lot or in the road pullouts nearby. If you don't want to do that, please expand to allow overnight parking in ALL of the lots to make it more fair for backpackers. This is a perpetual issue that is only getting worse.	7/6/2021 6:41 PM
53	See previous answers re:parking	7/5/2021 4:07 PM
54	Need more overnight parking near Sabrina Lake trailhead.	7/4/2021 12:35 PM
55	Again, the lakes need a formalized recreation plan that includes formalized and maintained trails around the lakes (Intake 2, Sabrina and South Lake). Doesn't have to be in the wilderness. This effort should include interpretive signs as well as informational signs. Signage in the drainage is poor and sometimes contradictory.	6/23/2021 3:34 PM
56	Parking area need to be improved and expanded to handle increased use. More educational info at kiosks needed.	6/23/2021 1:00 PM
57	Seems about right except parking at South Lake for Bishop Pass trail is often a challenge.	6/18/2021 7:02 PM
58	Again, more overflow parking	6/17/2021 2:12 PM
59	Add more overnight parking closer to the trailheads. Make day users park lower down and walk to trailheads.	6/15/2021 4:44 PM
60	More wilderness permits	6/12/2021 10:52 AM
61	Add a midday shuttle time, during the season.	6/10/2021 3:55 PM
62	expanded near trailhead parking	6/10/2021 12:08 PM
63	More buses	6/10/2021 11:13 AM
64	Closer overnight parking	6/9/2021 8:14 PM
65	More overnight parking at trailhead	6/9/2021 5:16 PM
66	Is there some relationship between trail quotas and parking spaces? I've always been able to park at South Lake, But I don't try to go in on the Bishop Pass trail during peak use times.	6/8/2021 5:38 PM
67	Much more overnight parking at South Lake. Overnight parking user must have wilderness permit and this should be strictly enforced.	6/8/2021 5:35 PM
68	More overnight parking	6/7/2021 9:26 PM
69	Increase the number of parking spaces near the trailhead where it is OK to park overnight. The main overnight parking lot becomes full. The overflow overnight parking is too far from trailhead at South Lake.	6/7/2021 6:07 PM
70	more parking for large vehicles	6/6/2021 7:21 AM
71	Would be nice to have a trail over one high passes (Echo Lake perhaps (old trail there)) from Sabrina Lake.	6/2/2021 12:30 AM
72	The overnight parking for the Sabrina trailhead is quite a long walk. I know there is available parking along the road near the trailhead for overnight but that can fill fast. How about opening some of the boater parking to overnight use. Or expand that lot for overnight use.	6/1/2021 1:49 PM
73	Trash cans	5/31/2021 5:39 PM
74	Parking space sensors could be installed at the upper lots and then people wouldn't drive all the way up from the lower parking areas only to turn around and go back down looking for parking. And more signage and feeder trails from the lower parking would help so you don't have to hike up the road	5/30/2021 8:09 AM
75	Not nearly enough parking	5/29/2021 5:12 PM
76	Shuttle service from Bishop	5/27/2021 10:50 PM
77	intake 2 is compromised by the shooting area across the hwy 168 from intake 2. close that shooting area where sce dumps material dredged from reservoir. shooting is dangerous close to	5/25/2021 8:30 PM

## Bishop Creek Reservoirs: Recreational Use Survey

	intake 2	
78	Do not provide any more accessibility. It is too crowded.	5/24/2021 5:34 PM
79	Tow illegal parked overnight vehicles from day use parking areas	5/24/2021 3:06 PM
80	Better overnight parking at Sabrina	5/23/2021 7:32 PM
81	Enforce dog restrictions. Off-leash & untrained dogs consistently detract from the experience because owners are not held accountable. The nuisance is embarrassing & growing.	5/9/2021 11:28 PM
82	create trailhead parking for Bishop Pass trailhead or provide wayfinding signage to/from parking area to trailhead	3/2/2021 1:51 PM
83	Dedicated parking for just the John Muir hikers/backpackers.	2/26/2021 4:33 PM
84	Accessibility is adequate. DON'T add anything more!	2/19/2021 3:51 PM
85	Improve on parking lots by increasing availability and capacity more parking enforcement	1/11/2021 2:31 PM
86	Enforce day-use only parking! Far too many observed instances of vehicles overnight in day-use parking!	1/8/2021 6:27 PM
87	Possibly a shuttle from campgrounds to trailheads during peak months.	1/8/2021 4:19 PM
88	More parking	1/8/2021 11:42 AM
89	Buses. Shuttles. Anything to reduce personal car use and avoid the weird parking down the hill situation which is inconvenient and in the Sabrina drainage, dangerous and causes resource damage.	1/7/2021 8:42 PM
90	Don't improve access. Already far too many people.	1/7/2021 7:36 PM
91	Larger parking areas. Have you seen the Horseshoe Meadows parking lot. It's massive. That's what's needed everywhere in the Inyos. The trailheads/boat access areas are being loved to death and it's become almost hazardous for the people and lane. Either have a limit on parking (ie: if it's full, leave) or make larger parking lots.	1/7/2021 7:09 PM
92	nothing that would attract more people. hopefully anything that would improve management of crowds and high demand (I wouldn't mind paying a fee, for example)	1/7/2021 7:06 PM
93	Due to increase of interest and population growth, especially this year, there was not adequate parking for trailheads, along with trash dumpsters etc	1/7/2021 6:06 PM
94	Patrol for non permitted backpackers. There were so many people camped in the back county out of south lake and Sabrina trailheads that it was really hard to believe that they all had permits!!	1/7/2021 4:36 PM
95	N/A	1/7/2021 4:31 PM
96	Parking for Sabrina is inadequate.	1/7/2021 4:25 PM
97	Keep the roads open more (don't close them before the snow starts). Open them when the snow's gone.	12/16/2020 3:44 PM

## Q52 Thank you for taking the time to complete this survey. Please share any additional comments on your visits and recreation activities at Bishop Creek Reservoirs.

Answered: 89 Skipped: 272

#	RESPONSES	DATE
1	keep America beautiful	11/6/2021 7:41 AM
2	Just love it up there -- the Bishop area is my favorite recreation spot. I hope that it can continue to be available for many years to come -- keep it from getting overdeveloped!	10/8/2021 10:37 AM
3	Keep the area natural and wild	10/3/2021 9:22 AM
4	Hope this helps!	9/23/2021 1:52 PM
5	Parking is needed for designated day-use and hiking trail access. Provide using existing or provide new, continuous multi-use trail (pedal mountain biking) throughout canyons, connecting campgrounds, reservoirs, and facilities. Parking is needed for designated day-use and hiking trail access. Provide day-use access and parking at campgrounds during winter closure.	9/23/2021 8:18 AM
6	stop the hundred year water agreement so the lakes stay useable thru out the summer then let dwp have the water they so desire , as well as give us here in Bishop the discount on power from the hydro plants generating this power here locally as we do live here we should benefit from it , I know its not free but it sure cost less to generate it than fuels do . Thank you for this survey	9/22/2021 6:43 PM
7	Thanks you for your concern for the Bishop Crk. drainage.	9/22/2021 3:15 PM
8	Need more trails for horseback riding and places to park your trailer, camp with stock etc.	9/22/2021 2:30 PM
9	Bishop Creek is an awesome and beautiful area. Right now access is poor and not allowed to be used to its full potential.	9/22/2021 10:16 AM
10	Would love to see the area better developed and more horse friendly with increased parking and signage of available concessions, businesses etc.	9/22/2021 9:11 AM
11	the reserve camping system has made it were locals can no longer camp and use this area ,there is no longer a lets go camping this weekend because everything is reserved and half the spaces reserved seam to remains empty all weekend	9/22/2021 8:35 AM
12	I don't understand why folks can't just let it be. It's nature not an amusement park and a toilet.	9/21/2021 8:24 PM
13	Stock more fish	9/21/2021 6:07 PM
14	Preference should go to non-motorized activities but not fishing. Most fisherpeople do not have a wilderness ethic and leave garbage behind, including fishing line and hooks.	9/21/2021 6:02 PM
15	Just better water management to help keep the lakes at a decent level. Sad to see Patty and Rick's place all brown because they couldn't water there yards, etc...They use to have such a nice place.	9/20/2021 9:53 AM
16	The Bishop Creek Canyon including the reservoirs is an extremely valuable recreational resource. Recreational facilities in the area should be expanded and adequately funded for operation and maintenance.	9/19/2021 9:10 AM
17	The road to North Lake in the fall season needs some traffic control, or more signage to yield to uphill traffic. The parking at all trailheads needs to be expanded, or ESTA service needs to run more often, at a minimal or free of charge.	9/19/2021 8:21 AM
18	Restrooms are often not clean. There is often trash about. And there are too many people with too much noise.	9/18/2021 2:16 PM
19	You are welcome	9/18/2021 10:54 AM



## Bishop Creek Reservoirs: Recreational Use Survey

20	Thank you for doing this survey	9/18/2021 10:15 AM
21	The Lake Sabrina Campground is in shabby condition compared to the years my family camped there. The Bishop Creek Middle Fork is seriously in need of improvements.	9/18/2021 8:46 AM
22	Build a trail to connect from Sabrina to North lake allowing for a true loop through Evolution.	9/16/2021 9:28 AM
23	Tell Pedro Pizzaro to better plan maintenance and water level fluctuations BEFORE DRAINING RESV.	9/15/2021 10:32 PM
24	There usually is a lot of trash in the high-use fishing areas. It would be nice to enforce better cleanup practices. Thanks!	9/15/2021 1:46 PM
25	I love this area and go on hot days to be cooler.	9/15/2021 11:09 AM
26	The middle fork of Bishop Creek is the best fishery in the south-eastern Sierras. Please do what you can to preserve it. With your relationship with NFS see if you can influence them to make THE CREEK a 2 fish limit and no taking of Browns or Brookies.	9/14/2021 12:47 PM
27	You need to speak with Parchers and Lake Sabrina to see what the actual needs are...they are honest hardworking people who know what is and what is not needed!!!	9/14/2021 11:18 AM
28	Please put this canyon as a high priority for budget and manpower priorities.	9/14/2021 7:36 AM
29	The overall presence of USFS workers is far less than when I was a child. Nature presentations, guided nature walks were apart of the camping experience. Also, South Lake lake levels need to stay higher so that children and families can enjoy the lake through Spring and Summer. These memories are priceless and will save our generations to come.	9/13/2021 10:31 AM
30	My grandfather built the boat landing at Lake Sabrina — and I've been traveling up there my entire adult life. It's truly one of the most incredible areas in the world... it's breathtaking. But when it's drained so low, as it has been the last few years, it's a travesty, and robs the public of its beauty. Please do not drain it so low!	9/12/2021 6:57 PM
31	These reservoirs are arelatively unknown gems of the Eastern Sierra. Don't overcommercialize them but please do what you can to improve water levels at South Lake	9/12/2021 4:22 PM
32	I love the area. At 80 years old I sold my rig and stay at Cardinal Village, Bishop Creek lodge or a rental trailer at Creekside.	9/12/2021 2:08 PM
33	Crowds are going be a problem. With such an amazing area. Trash dumpsters and regular pickup would help reduce the mess.	9/12/2021 7:17 AM
34	Whomever manages Sabrina and south lake water levels needs to re-evaluate their practices.	9/12/2021 12:10 AM
35	We have also driven to the North Lake trailhead. More signage would be helpful there as we have mistakenly parked far from the actual trailhead.	9/11/2021 10:55 PM
36	Extremely dissapointed in how wayer levels are managed in bishop creek during a low snow year. It hurts local businesses and causes over crowding in surrounding areas. Perfect example is how south lake was manged this year and in the past. Sabrina was extremely low and people livelihoods are at stake.	9/11/2021 5:37 PM
37	I enjoy the rustic facilities! Improve the roads in the campgrounds. I dont want it to fancy!	9/11/2021 5:00 PM
38	This area is my favorite place to fish in California. You need to find a way to keep it open during fire season. Fishing season there is so short and every fishing day is precious.	9/11/2021 1:41 PM
39	If water is not held in the reservoirs so that the resort operators can make money off the boat rentals in selling fishing supplies it takes away from the whole experience going up there just keep water in them	9/11/2021 1:14 PM
40	Very beautiful area, love to visit during 3 seasons of the year.	9/11/2021 9:56 AM
41	Enjoy the area, know lack of water not your fault, Intake 2 water around handicapped fishing area needs cleaned up.	8/31/2021 4:32 PM
42	Trails are beautiful, but over used. Trash, litter, crowds and the beginnings of graffiti... trails ,reservoirs and campgrounds need to be patrolled and monitored more	8/31/2021 4:45 AM
43	It was great when the parking area at South Lake was redone, and some road bridges were	8/30/2021 10:51 PM

## Bishop Creek Reservoirs: Recreational Use Survey

greatly improved! It probably would be good to put up more signs regarding picking up after your dog, the use of drones, and about illegal front country and backcountry fires. We love the Bishop Creek area! We have been recreating there for almost 50 years!

44	I've lived here for 47 years and worked as a wilderness ranger in the John Muir Wilderness in the Bishop Creek area, Big Pine, and McGee Creek. Not only do I still backpack, but sometimes it's nice to just go up and camp in a campground for a night or two. But I don't like camping in a campground when it's surrounded or crowded with RVs! It seems like over the years, RVs have taken over most campgrounds leaving less quality campsites for tent campers, thus a lesser grand experience while camping. Instead of hearing birds and sounds of nature one hears generators or other motors from RVs. RVs are self contained and don't need privacy as much as tent campers do. There needs to be more campgrounds up Bishop Creek for TENTS ONLY. Also, some of the campsites need serious rehabilitation.	8/23/2021 11:40 AM
45	Some of the trails in South Lake to Bishop pass are narrow and there are horses on them. Kind of scary to scrambled off the side of steep trails to let the horses pass. Also really gross when it rains and all the horse poop gets moisturised and pungent. Can we get horse owners to manage the waste? Humans and dogs are required to manage their poop. Why are horses allowed to make the trails disgusting? Kids and dogs will touch or eat the poop, it's really unsanitary.	8/15/2021 4:14 PM
46	Get LA DWAP to quit taking the water from the Eastern Sierra Nevada. They have destroyed the environment there.	8/7/2021 9:54 AM
47	We love this area. Please help us keep it less commercialized than Mammoth or Tahoe.	8/6/2021 5:07 PM
48	Please continue to keep this area in great condition. Very beautiful and always fun. Thanks.	8/6/2021 11:30 AM
49	Strategic water management, parking enforcement, more supplemental fish stocking and additional parking spaces would add tremendously to the recreational enjoyment of forest visitors.	8/5/2021 3:50 PM
50	I love this area and all the hiking options. Although there are a lot of people on the trails, I never felt crowded. Probably helps that I get on the trail by 7 am	8/5/2021 1:26 PM
51	Used and love this area for many years. Hope it will continue to be available to the public.	7/18/2021 4:14 PM
52	Every year there are more people! Please try to keep the area as wild as possible. California has many opportunities for boating and car camping and hotels, but not many opportunities for true wilderness backpacking. Preserving the wildness of the area should be the priority.	7/18/2021 2:19 PM
53	Not happy with the current company running the campgrounds RRM. Poor service not helpful and not enough Bear boxes. Thanks	7/16/2021 2:55 PM
54	Constructing a loop trail around each lake would be a dream come true	7/14/2021 5:50 PM
55	The restaurants and bakery (especially Holy Smokes BBQ and Erick Schatt's Bakkery) in Bishop is one of the more motivating reasons for me to do day trip hikes in that area, for after the hike.	7/13/2021 6:26 PM
56	I think packers provide a valuable service to those who lack the mobility to access the backcountry. However, they should not be allowed to degredate the experience of the vast majority of visitors in the process.	7/13/2021 11:43 AM
57	Unfortunately, after years of camping there, we found that you made our favorite site reserve only. We came for several days, only to find out the 2nd day we were there, that we had to move. We had to scramble to find a spot at another campground. Why on earth would you take something that has been working really well and ruin it? Is it about the money? We drove by throughout the weekend and took note of several sites that went unused even though we were told they were reserved. Just really disappointing. Part of the fun for us was knowing we could always find a spot there. I don't get it. Also, lots and lots of dog poop on the trail from Sabrina Lake. Not sure what you can do about it, but we don't feel like we should have to deal with that. The restrooms and picnic tables REALLY need some updating. They are looking pretty worn. You guys raised the camping prices pretty steep, so it would nice of you did something good with that money. On the good side, there was very little trash and the camp hosts are awesome. Please re-consider making the campsites not reserveable. Or, take a cue from some others and make it 50/50.	7/7/2021 3:22 PM
58	Love the place	7/6/2021 10:06 PM

## Bishop Creek Reservoirs: Recreational Use Survey

59	Love the bishop area and have been fishing here for 19 years and the stocking for 2021 is the worst ive ever seen it! It needs to improve alot!	7/6/2021 7:40 PM
60	The parking situation truly deserves a better solution for overnight users - please consider my comments about either designating the overnight lot as TRULY for overnight permit users only, OR even better - expand rules so that overnight users can park at any of the lots and pullouts that day users are allowed to park in! Overnight users have heavy packs and when we're solo, there's no way to then avoid having to hike uphill, sometimes for several miles, just to reach the trailhead.	7/6/2021 6:42 PM
61	Thanks for maintaining the trails.	7/4/2021 6:55 PM
62	In general, the area is a world class destination with subpar recreation facilities. The movement of people around the reservoirs (on foot) and the access to the lakes need to be improved. South Lake boat launch is unusable do to the angle/rocks, etc. unless you are a person who likes to take risks. Many of my friends in Bishop will not use the boat launch there. Intake 2 needs a complete redesign: As it exists now it is what appears to be a random collection of of campgrounds, bathrooms, social trails...all of which are in very poor condition. It needs new facilities, redesigns of campgrounds, including moving or consolidation. It is one of the highest use areas for the residents of the Owens Valley. It needs formal trails, accessible bathrooms, drinking water that is clearly marked and accessible to the public.	6/23/2021 3:40 PM
63	With this work and the efforts of ESSRP we are faced with a rare and powerful opportunity to address recreation needs and environmental concerns in the Bishop Creek Canyon. Let's not pass this opportunity up to address these issues and allow us to sustainability care for Bishop Creek Canyon long into the future.	6/23/2021 1:05 PM
64	The trail near South lake was very well maintained this year. Thank You.	6/10/2021 3:57 PM
65	Public transportation is desperately needed	6/10/2021 11:14 AM
66	Most of my use of this area is backpacking. About every other year we drive up to see the fall foliage. North Lake, Sabrina and South Lake roads have some of the finest fall color displays. Some times the roads are crowded, but I've always gotten a campsite.	6/8/2021 5:40 PM
67	This area leads to some of the most beautiful wilderness not only in the United States, but the entire world. Unfortunately, the experience at the trailhead with the difficulty in parking, tells backpackers they are second class citizens compared to fisher people.	6/7/2021 7:38 PM
68	Perhaps consider a boat shuttle for trails to Bishop Pass and Sabrina Basin, if practical.	6/7/2021 6:08 PM
69	I always enjoy my time spent in these areas. Whether or not this applies, It would be nice to see more Rangers on the trails educating the public. People don't always take the time to read signs and obey the rules. The boat launch ramps at Sabrina Lake and South Lake are not very user friendly especially for a "lone boater". An area should be made adjacent to the ramps where you can pull your boat up, tie it off so you can then drive the tow vehicle and trailer to the parking area. Like at Silver Lake in the June Lake loop.	6/1/2021 1:57 PM
70	Is it possible to complete the trail from Chocolate Lakes to Lake Ruwau? It was easy to navigate except the scramble at the end of Chocolate.	5/31/2021 6:34 PM
71	An inexpensive parking fee (with a pass for local residents) would generate a bit of income	5/30/2021 8:11 AM
72	Beautiful area to visit with family of all ages and generations	5/29/2021 10:36 AM
73	Love the area and want to make a fall trip to see the fall colors.	5/27/2021 10:51 PM
74	intake 2 is compromised by the shooting area across the hwy 168 from intake 2. close that shooting area where sce dumps material dredged from reservoir. shooting is dangerous close to intake 2	5/25/2021 8:30 PM
75	The new South Lake road is great.	5/25/2021 1:07 PM
76	Visitors should be required to watch "how to poop in the woods" video as part of obtaining a permit. Adults need to teach children! The backcountry is getting heavy use and people are not disposing their waste properly.	5/25/2021 6:59 AM
77	Need more Forest Service personal at the TH and/or on the trails to check for permits and misuse of the trails.	5/23/2021 7:34 PM

## Bishop Creek Reservoirs: Recreational Use Survey

78	Bishop Creek canyon is a treasure	5/11/2021 12:30 PM
79	It has been my experience that the designated Group Campgrounds are very under utilized in general and suggest that they be converted to normal developed sites more accessible to non-groups	5/10/2021 3:31 PM
80	I know that many potential visitors do not visit the reservoirs and trails because of irresponsible dog owners who are not educated on the environmental impacts of dogs in pristine waters and unleashed dogs chasing wildlife.	5/9/2021 11:30 PM
81	Not enough Forest Service people in these areas.	3/10/2021 5:08 PM
82	Road to North Lake should be wider than a single lane+	2/26/2021 4:35 PM
83	I happen to be the CALTRANS HIGHWAY CLEANUP COORDINATOR FOR highway 168 FROM BISHOP pARK cAMPGROUND TO sABRINA cAMPGROUND. bACKPACKERS ARE THE "PIGS" OF THE HIGHWAY. mAYBE SOME LIMITED SIGNAGE TO GET THEM TO REALIZE THEY SHOULD PICK UP THEIR TRASH RATHER THAN LITTERING THE ROADSIDE. (SORRY FOR THE CAPLOCK)	2/19/2021 3:54 PM
84	SCE needs to do a better job with recreation than they do with their power lines.	1/10/2021 5:04 PM
85	We like that the campgrounds are somewhat primitive. We use a small trailer and I think the absence of hookups keeps a lot of the bigger RVs away allowing for a better experience.	1/8/2021 4:25 PM
86	SoCal Edison should pay to modernize facilities like the shop at Lake Sabrina. They should also pay for new toilets at the campgrounds in the watershed.	1/7/2021 11:05 PM
87	Gorgeous. Would love to have public transportation options.	1/7/2021 8:43 PM
88	Please improve existing sites, add new sites without crowding.	1/7/2021 7:43 PM
89	These areas are beautiful and I hold them close to my heart. Improving access by improving parking options and regulations would make it better for all.	1/7/2021 7:10 PM

## Q53 Are there any specific reasons why you have not recreated at the Bishop Creek Reservoirs in the past?

Answered: 18 Skipped: 343

#	RESPONSES	DATE
1	No, just haven't. Would like to do a bit if given the opportunity & time	11/12/2021 7:44 PM
2	The Fishing SUCKS.	9/23/2021 4:30 PM
3	I live 1500 miles away	8/27/2021 10:32 AM
4	Eight hour drive from my primary residence.	8/18/2021 10:01 AM
5	Unaware of it	8/12/2021 10:28 AM
6	No	8/8/2021 12:44 PM
7	Distance	8/8/2021 8:57 AM
8	I use parking area and backpack into wilderness	8/5/2021 5:28 PM
9	Long distance from my home	7/21/2021 7:31 PM
10	No	7/12/2021 4:46 PM
11	I don't come to this area of California very often	7/12/2021 8:48 AM
12	I don't recreate at reservoirs	7/11/2021 4:59 PM
13	Used parking to hike the North Lake to South Lake Evolution Valley loop.	7/8/2021 5:07 PM
14	No, but planning to go soon	7/1/2021 7:09 PM
15	Distance	6/27/2021 8:12 AM
16	Mountains	6/10/2021 8:55 PM
17	Just haven't visited here before.	6/7/2021 7:28 PM
18	Never heard of	5/31/2021 7:51 PM

## Q54 Are there specific changes or additions to opportunities and/or facilities that would make you want to recreate at the Bishop Creek Reservoirs in the future?

Answered: 18 Skipped: 343

#	RESPONSES	DATE
1	They are fine.	11/12/2021 7:44 PM
2	Be more RV friending, more stocking of fish.	9/23/2021 4:30 PM
3	No	8/27/2021 10:32 AM
4	No	8/18/2021 10:01 AM
5	No	8/12/2021 10:28 AM
6	Yes	8/8/2021 12:44 PM
7	No	8/8/2021 8:57 AM
8	no	8/5/2021 5:28 PM
9	Larger long term parking for long distance multi day hikers	7/21/2021 7:31 PM
10	No	7/12/2021 4:46 PM
11	No	7/12/2021 8:48 AM
12	No	7/11/2021 4:59 PM
13	Looks like parking is frequently full.	7/8/2021 5:07 PM
14	More Camping opportunity	7/1/2021 7:09 PM
15	No	6/27/2021 8:12 AM
16	No	6/10/2021 8:55 PM
17	Flush toilets	6/7/2021 7:28 PM
18	More awareness of the location	5/31/2021 7:51 PM

## Q55 Thank you for taking the time to complete this survey. Please share any additional comments on your visits and recreation activities at Bishop Creek Reservoirs.

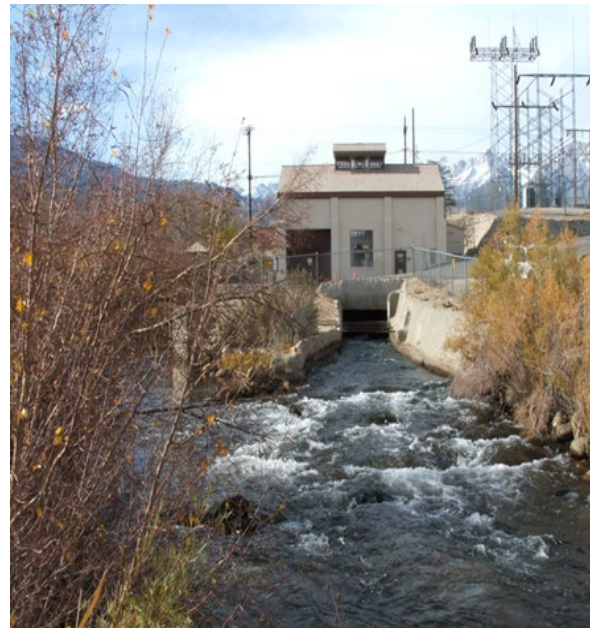
Answered: 6 Skipped: 355

#	RESPONSES	DATE
1	Dig the area. Hope to visit more often after retirement. Thanks for taking care of the place, John	11/12/2021 7:44 PM
2	Beautiful area: loved my day hike to Treasure Lake, and backpacking trip North Lake thru Evolution Valley to South Lake.	8/18/2021 10:01 AM
3	Wait, I have a complaint. We did the North Lake to South Lake loop, and left food in the South Lake metal bear contraption. My last name and date out 8/7/21, were written in large letters with a black sharpie. Two different Rangers, R Quintana and LK left stickers on our bag saying it had no name or date out. They all but put the stickers right on our unmistakable printing. What's going on? I have photos of our if you care to see them.	8/8/2021 8:57 AM
4	I do realize that topography limits the ability to provide more long term parking. But it is the only suggestion based on my experience and needs that I can offer	7/21/2021 7:31 PM
5	I want to continue to use and improve public access to these areas, please integrate a strategy of "semi-dispersed" camping, in areas set back from the watershed 200'... where road access, camp site turnouts, and bear boxes ... are located in many planned use 'single site' or 'small group sites' in geographic areas that are too small to support a forest service level campground. The "semi-dispersed" approach is less costly to implement and better for the preservation of the pristine environment, while expanding access to heavily used areas in a manageable and planned approach.	7/1/2021 7:09 PM
6	Beautiful area. Will be back!	6/7/2021 7:28 PM

# **SOUTHERN CALIFORNIA EDISON**

## **Bishop Creek Hydroelectric Project**

### **(FERC Project No. 1394)**



## **FINAL TECHNICAL REPORT**

### **RECREATION FACILITIES CONDITION**

### **AND PUBLIC ACCESSIBILITY STUDY**

#### **(REC 2)**



JUNE 2022



# **SOUTHERN CALIFORNIA EDISON**

## **Bishop Creek Hydroelectric Project (FERC Project No. 1394)**

### **FINAL TECHNICAL REPORT RECREATION FACILITIES CONDITION AND PUBLIC ACCESSIBILITY STUDY (REC 2)**

Southern California Edison  
1515 Walnut Grove Ave  
Rosemead, CA 91770

June 2022

Support from:

***Kleinschmidt***

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**LIST OF ACRONYMS**

**A**

ABAAS Architectural Barriers Act Accessibility Standards  
Access Board Architectural and Transportation Barriers Compliance Board  
ADA Americans with Disabilities Act

**C**

CMU concrete masonry unit

**F**

FERC Federal Energy Regulatory Commission  
FSORAG Forest Service Outdoor Recreation Accessibility Guidelines  
FSTAG Forest Service Trail Accessibility Guidelines

**G**

GIS geographic information system

**O**

O&M Operation and Maintenance  
ODAAG Outdoor Developed Area Accessibility Guidelines

**Q**

QA/QC quality assessment/quality control

**R**

REC 1 Recreation Use and Needs Study  
REC 2 Recreation Facilities Condition and Public Accessibility Study

**S**

SCE Southern California Edison

**T**

TWG Technical Working Group

**U**

U.S. United States  
USFS U.S. Forest Service

## **1.0 INTRODUCTION**

During the Technical Working Group Meeting (TWG) meetings, Southern California Edison (SCE) and stakeholders identified the need to conduct a Recreation Facilities Condition and Public Accessibility Study (REC 2) to assess the condition of and accessibility to existing recreation facilities at the SCE Project. For the purposes of the REC 2 Study, Project-related recreation facilities are considered all facilities related to the South Lake, Lake Sabrina, and Intake No. 2 Reservoir recreation areas regardless of ownership or management. An associated Study Plan was developed with the TWGs and adopted through the Federal Energy Regulatory Commissions (FERC) Study Plan Determination, dated November 4, 2019. This report provides findings for the REC 2 Study.

## 2.0 STUDY OBJECTIVES

This study included the following goals and objectives:

- Assess the condition of existing recreation facilities for Project-related recreation areas
- Facility condition assessment and inventory at existing recreation facilities directly related to the SCE Project, including an evaluation of signage, public safety features, and visual and aesthetic qualities
- Assess the condition and potential for universal accessibility, where feasible
- Assess the condition of access roads and parking areas associated with Project-related recreation
- Document the presence of dispersed use outside of the boundary of developed recreation sites
- Assess the carrying capacity and potential need for expansion, or alteration of existing recreation facilities
- Assess the need to formalize or reclaim (due to environmental concerns) dispersed or informal use areas
- Analyze economics of current and future Project-related operation and maintenance (O&M) of recreation facilities
- Conduct an economic analysis to understand the current cost of ownership and maintenance performance by concessionaires
- Analyze options for improving concessionaire agreements and/or leveraging funds or resources to help offset costs of facility improvements and ongoing O&M for recreation facilities
- Ensure that future Project facilities and operations are consistent with the desired conditions, goals, standards, and guidelines described in the Land Management Plan for the Inyo National Forest Service (USFS, 2019) for Social and Economic Sustainability and Multiple Uses

### 3.0 STUDY AREA

A facility condition and public accessibility assessment along with a dispersed use assessment were performed at each of the three recreation areas directly related to the Project: Lake Sabrina, South Lake, and Intake No. 2 Reservoir recreation areas. Dispersed use assessments were generally conducted at all developed facilities, reservoir shorelines, and islands within each reservoir, including but not limited to the following locations:

#### Lake Sabrina

- Trailhead, Sabrina Basin Trailhead, and associated information kiosk
- Fishing access, small lake behind weir below dam and south of bridge
- Informal parking, fishing access and Sabrina Basin Trailhead along road
- Boat launch area, Lake Sabrina Launching Facility
- Marina, Lake Sabrina Boat Landing
- Parking, Lake Sabrina Boat Landing, two lots, including restroom facilities
- Informal trail, along western shore of reservoir, called Inlet Trail on map at marina, much of this is outside of Project boundary and in wilderness
- Informal camping, on south shore of reservoir, accessed by Inlet Trail and by boat, much of which is outside the Project boundary and within the John Muir Wilderness

#### South Lake

- Bishop fishing access, Weir Lake
- Parking, Weir Lake
- Informal parking, along road between dam and Weir Lake
- Boat launch area, South Lake Launching Facility
- Marina, South Lake Landing
- Parking, for boat launch
- Day use area, picnic tables along shore, between marina and dam
- Day use area, fishing/dock access south of ramp
- Parking, day use area, including restroom facilities



- Trailhead, Bishop Pass Trailhead, and associated information kiosk
- Parking, for Bishop Pass Trailhead and Green Creek Diversion trail, including restroom facilities
- Picnic/day use area, two picnic tables along diversion trail just above parking area
- Informal camping, on ridge above boat ramp parking, on island in southern portion of reservoir, and at various locations on the south end of the reservoir
- Informal trail, connecting Pass and Green Creek Diversion trails
- Informal trails and fishing access, at Bishop Pass Trailhead

#### Intake No. 2 Reservoir

- Day use area adjacent to campground, including restroom facility and day use parking
- Fishing access, universally accessible fishing pier
- Fishing access, bank fishing along northern shore up to dam
- Informal trails, day use area to southeast side of reservoir
- Informal trails and camping areas, south side of reservoir between inlet and dam

## **4.0 METHODS**

### **4.1 FACILITY CONDITION AND PUBLIC ACCESSIBILITY ASSESSMENT**

A facility condition and public accessibility assessment was performed by MacKay Sposito from August 4 to 6, 2020, at facilities associated with the recreation areas of Lake Sabrina, South Lake, and Intake No. 2. Generally, the study included an inventory and cursory condition assessment of the following, within the study area:

- Specialized systems (e.g., water, electrical, septic)
- Building envelope, structural elements, and interior soundness
- Systems and equipment to ensure proper and effective operation
- Visual and aesthetic quality of facilities
- Americans with Disabilities Act (ADA) accessibility of facilities
- Public safety measures
- Signage and wayfinding
- Access roads, internal circulation roads, campsite spurs and parking areas

The survey documented items in need of correction, repair, replacement, or similar action, noting facility condition according to Table 4.1-2. All inventories were documented with photographs and integrated into a geographic information system (GIS) database with relevant attributes to facilitate future analysis and ongoing assessments.

With the exception of ADA accessibility, the methodology for assessing the facilities included a visual inspection, analysis, and documentation in field notes and photographs. The technical level of assessment represented in this report does not include structural, mechanical, electrical, or geotechnical engineering investigation and testing.

The methodology utilized to conduct the ADA accessibility assessments consisted of developing a detailed checklist based on the applicable standards, including:

- Forest Service Outdoor Recreation Accessibility Guidelines (FSORAG)
- Forest Service Trail Accessibility Guidelines (FSTAG)

These guidelines, in part, incorporate sections of the Architectural Barriers Act Accessibility Standards (ABAAS) and the Outdoor Developed Area Accessibility Guidelines (ODAAG), developed by the Architectural and Transportation Barriers Compliance Board (U.S. Access Board).

Each facility was assessed for ADA compliance in detail and recorded on the checklist, along with supporting photographs and field notes. The information and description

provided in the Universal Accessibility section of this report are general in nature; however, the detailed checklists for each facility are included in Appendices A through E.

The methodology utilized for paving assessments consisted of visual analysis and categorization based on standard levels of pavement distresses and levels of maintenance required to remediate them (Table 4.1-2).

**Table 4.1-1 Facility Condition Ratings Table**

<b>ID</b>	<b>Category</b>	<b>Description</b>
N	Needs replacement	Facility is non-functional or has broken or missing components
R	Needs repair	Facility has structural damage or is in an obvious state of disrepair
M	Needs maintenance	Facility needs maintenance, such as cleaning or painting
G	Good condition	Facility is functional and well maintained

**Table 4.1-2 Paving Assessment Categories**

<b>Category</b>	<b>Description</b>	<b>Action Needed</b>
<b>Good Condition</b>	No significant general cracking or signs of distress, good wear course.	<i>No maintenance or repairs needed</i>
<b>General Cracking</b>	Single crack or a series of cracks in seemingly random locations.	<i>Needs maintenance:</i> Crack sealing
<b>Block Cracking</b>	Interconnection of several cracks that develop as the pavement ages.	<i>Needs maintenance:</i> Crack sealing and/or seal coating
<b>Fatigue Cracking</b>	Series of interconnected cracks typically described as resembling alligator skin. It is a structural distress, caused by overloading thin pavements or a weak aggregate base or subgrade. This distress can occur in small, localized areas or can be widespread.	<i>Needs Repairs:</i> Full-depth patching is recommended in areas with localized fatigue cracking; however, reconstruction is required if the fatigue cracking is a widespread problem
<b>Deformations and Depressions</b>	Vertical movements of the asphalt pavement caused by overloading or settlement of a weak subgrade	<i>Needs Repairs:</i> Mill patching can be used to repair these deformations and depressions
<b>Potholes</b>	Localized loss of pavement material typically caused by structural failures, poor drainage, or severe raveling.	<i>Needs Repairs:</i> Full-depth patching

Category	Description	Action Needed
<b>Pavement Failure</b>	Widespread occurrences of fatigue cracking, deformations and depressions, potholes and obvious structural failures which make the general overall surfacing hazardous to drive.	<i>Needs Replacement:</i> Base rock repair and replacement as needed to repair structural damage and new paving

Non-paved roads, parking areas, and trails consisting of compacted, native material and/or crushed aggregate were visually assessed based on the evenness of grade and stability of material. Areas observed that have uneven grades and loose, displaced material are identified as *needs maintenance*. Otherwise, the areas were ranked as *good*.

#### 4.2 DISPERSED USE ASSESSMENT

A dispersed use assessment was conducted from August 4 to 7, 2020, at all developed facilities, reservoir shorelines, and islands within each reservoir. The study initially consisted of a desktop exercise to scan aerial imagery for evidence of dispersed use or informal access areas such as social trails, brown out areas, or impromptu parking around the perimeter of each study area.

These initial indications of dispersed use, along with personal communication with Inyo National Forest Service regarding sites of concern, provided a basis for ground-truthing dispersed use in the study area. For each recreation area, special attention was given to previously identified areas of potential dispersed use while in the field; however, all perimeters of developed facilities were assessed on foot. Any sign of potential foot traffic was investigated until no further evidence of use was detected. In addition to perimeters and natural lands within and surrounding developed areas, special attention was given to the perimeters of Project waters, as feasible. This included hiking along the user-created Inlet Trail along the western shoreline of Lake Sabrina and investigating use at the south end of the lake; walking the perimeter of Intake No. 2 Reservoir; and kayaking to the southern end of South Lake to investigate the island and observe day use and camping areas along the southern shorelines.

As dispersed use was discovered, GIS data, photographs, calculations, and notes were collected at each site, which were subject to a quality assessment/quality control (QA/QC) process to formalize the dataset and relevant attributes (e.g., spatial location, number of fire rings, area affected, or length of roads or trails). During the assessment phase, each observance was compared to underlying ownership or management, most notably its location relevant to SCE or U.S. Forest Service (USFS) ownership, the John Muir Wilderness, and the FERC Project boundary. Observances within the Inyo National Forest or John Muir Wilderness are noted since the Inyo National Forest does not allow dispersed camping outside of a designated campground, and the John Muir Wilderness does not allow overnight camping without a valid wilderness permit nor camping within 100 feet of lakes, streams or trails (terrain permitting), and never less than 50 feet of lakes or streams or within 25 feet of trails.

### **4.3 OPERATIONS AND MAINTENANCE ECONOMICS ASSESSMENT**

A desktop study was originally proposed to analyze the current economics of the O&M of the three recreation areas directly related to the Project: Lake Sabrina, South Lake, and Intake No. 2 recreation areas. Concessionaire agreements and past operational and maintenance data were to be collected from Inyo National Forest Service and its concessionaires to perform this economic analysis. To date, SCE is still coordinating with the Inyo National Forest Service to determine what operational and maintenance data may be provided for inclusion in this analysis. Once provided, this study plan will be supplemented with an analysis and summary of the data provided.

## **5.0 RESULTS**

### **5.1 LAKE SABRINA RECREATION AREA**

#### **5.1.1 SITE OVERVIEW**

Lake Sabrina Recreation Area is located at the terminus of CA Highway 168 at approximately 9,100-feet above sea level where Sabrina Dam impounds the Middle Fork Bishop Creek to create Lake Sabrina. Developed recreation amenities generally included a boat ramp, piers, marina, fish cleaning station, restroom, and trailhead for Sabrina Basin Trail, all of which are owned and operated by the Inyo National Forest Service or its concessionaires. The following sections provide facility condition assessment of the roads and parking, site elements, site buildings, signage, visual and aesthetic qualities, universal accessibility, and public safety measures associated with those amenities. Figure 5.1-1 provides an overview of all site elements discussed in the following sections.

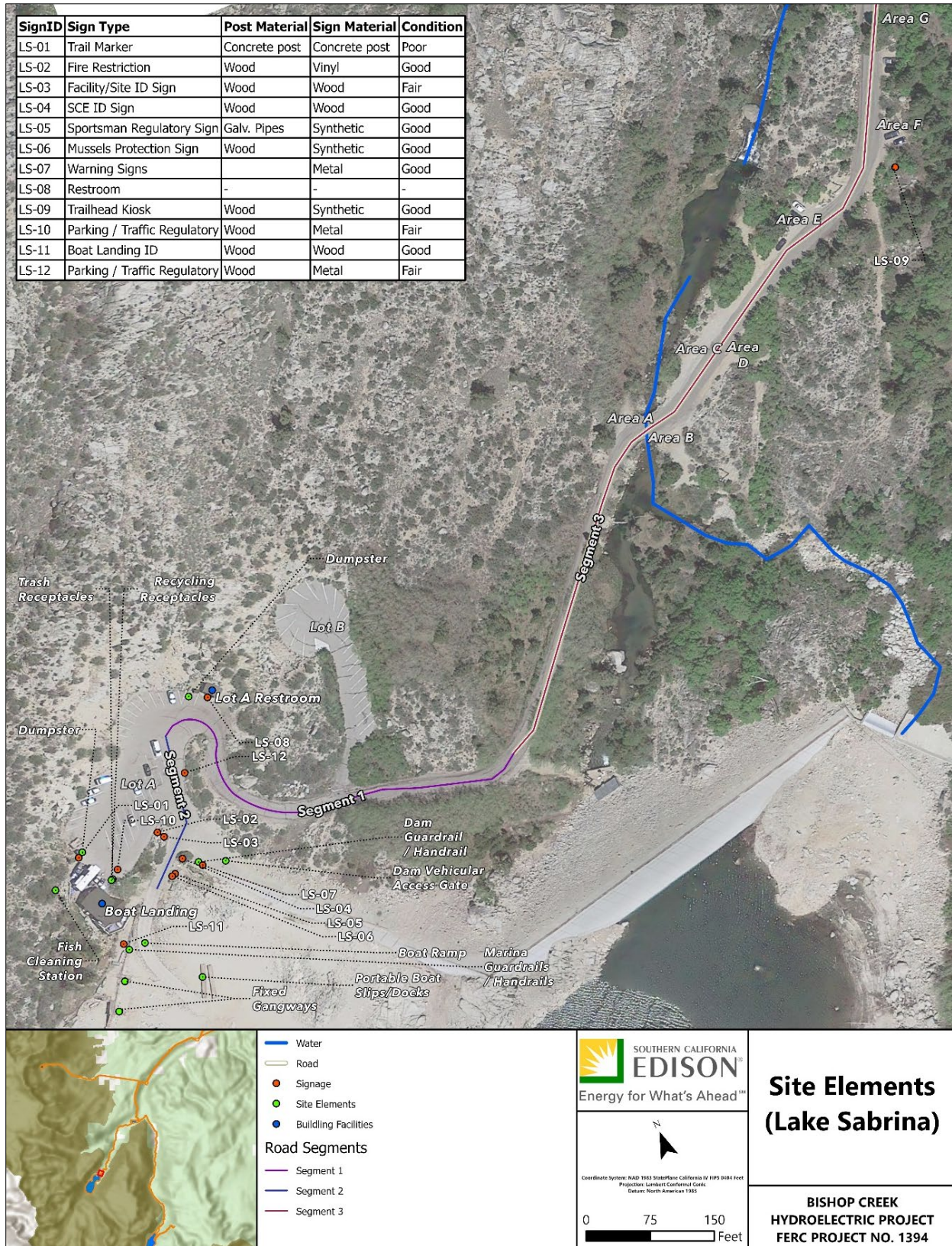


Figure 5.1-1 Lake Sabrina Site Elements

## 5.1.2 FACILITY CONDITION ASSESSMENT

### 5.1.2.1 Roads and Parking

Lake Sabrina Road terminates at Lake Sabrina, providing sole vehicular access to the Lake Sabrina Recreation Area. To facilitate discussion, the access road was divided into three segments (Road Segments 1, 2, and 3), as shown on Table 5.1-1 and described in Table 5.1-2. Parking consists of two paved parking lots (Parking Lot A and B) near the marina and seven non-paved, day use parking areas located along both sides of Road Segment 3. The paved surfaces consist of asphalt paving. Non-paved surfaces consist of compacted native earthen materials that have naturally occurring, decomposed crushed aggregate mixed with soil material. The majority of the paved surfaces are in fair condition with frequent cracks, areas of alligator cracking, eroding edges, and occasional potholes. Both parking lots are in need of re-striping and a minimum of two ADA accessible (with at least one van accessible) parking stalls should be designed and designated in Parking Lot A (Appendix A).

**Table 5.1-1 Lake Sabrina Recreation Area Access Roads**

Site	Surface Material	Road Width (ft)	Circulation Type	Condition
Road Segment 1 (Lot A and Lot B)	Asphalt	± 20 ft	2-way	Needs Maintenance
Road Segment 2 (Lot A to Boat Launch)	Asphalt	± 14 ft	2-way	Good
Road Segment 3 (Along Day Use Parking Areas)	Asphalt	± 20 ft	2-way	Needs Replacement

**Table 5.1-2 Lake Sabrina Recreation Area Parking**

Site	Sub-site	Parking with Striping	Parking without Striping (ft)	Surface	
				Material	Condition
Marina	Lot A	36 stalls (no designated ADA stalls)		Asphalt	Needs Maintenance
	Lot B	24 stalls (no designated ADA stalls)		Asphalt	Needs Maintenance
Day Use Parking Areas	Area A		21 ft X 18 ft (Approximately 1-2 Head-in Spaces)	Earthen	Needs Maintenance
	Area B		33 ft X 15 ft (Approximately 1-2 Head-in Spaces)	Earthen	Needs Replacement
	Area C		162 ft X 10 ft (Approximately 8 Parallel Spaces)	Earthen	Needs Maintenance
	Area D		150 ft X 9 ft (Approximately 7-8 Parallel Spaces)	Earthen	Needs Maintenance
	Area E		42 ft X 9 ft (Approximately 2 Parallel Spaces) 40 ft X 23 ft (Approximately 3 Head-in Spaces)	Earthen	Needs Maintenance
	Area F		24 ft X 24 ft (Approximately 2 Head-in Spaces)	Earthen	Needs Maintenance
	Area G		25 ft X 30 ft (Approximately 3 Head-in Spaces)	Earthen	Needs Maintenance

5.1.2.2 Site Elements

Table 5.1-3 provides a detailed inventory of all elements assessed at this site. During the assessment, the reservoir water level was at the low operating level. As such, the gangways were not operable and were not assessed for function. The movable, floating boat docks were in use but were not on an accessible route and, by nature of design, do not meet ADA accessibility compliance. The boat launch ramp was observed in use and was operable; however, the boat launch facility as designed does not provide ADA accessibility. The fish cleaning station was not operable and should be replaced with a facility that meets ADA accessibility criteria and relocated to an area to which an accessible route is provided.



**Table 5.1-3 Lake Sabrina Recreation Area Site Elements**

<b>Site Element</b>	<b>Parameter</b>	<b>Assessment</b>
Boat Ramp	No. of Lanes	1
	Material(s)	Concrete
	Condition	Good
Portable Boat Slips/Docks	No. of Structures	2
	Type	Floating
	Material(s)	Wood
	Condition	Needs Maintenance
Fixed Gangways	No. of Structures	2
	Type	Hinged / Floating
	Material(s)	Wood / Steel Railings
	Condition	Needs Repairs
Fish Cleaning Station	No. of Stations	1
	Material(s)	Wood
	Condition	Needs Replacement
Trash Receptacles	Quantity	3
	Type	Movable
	Material	Plastic
	Condition	Needs Replacement
Recycling Receptacles	Quantity	1
	Type	Movable
	Material	Plastic
	Condition	Needs Replacement
Dumpster	Quantity	2
	Type	Bear proof
	Material	Metal
	Condition	Good
Marina Guardrails / Handrails	Location	Gangway Platform
	Material	Steel Tubing and Chain
	Condition	Needs Repairs
Dam Guardrail / Handrail	Location	Dam Pathway
	Material	Painted Steel Tubing
	Condition	Good
Dam Vehicular Access Gate	Type	Single Swing
	Material	Galvanized Steel
	Condition	Good

### 5.1.2.3 Site Buildings

Two buildings were evaluated: the Lake Sabrina Boat Landing building and the restroom building located in Parking Lot A (Table 5.1-4).

The Boat Landing building consists of a wooden structure, with wood siding and a metal roof. Based on the visual assessment of the exterior of the building, there were no significant repairs identified that require immediate maintenance or repairs.

The restroom building consists of a pre-engineered, concrete masonry unit (CMU) structure, on a slab with a standing-seam metal roof and wooden columns supporting the extended roof overhang. Based on general observations, it appeared that the building components were in good condition and structurally sound. A thorough ADA accessibility assessment checklist was completed, which is provided in Appendix B.

**Table 5.1-4 Lake Sabrina Site Buildings**

Building ID	Exterior		Roof		Interior		
	Material	Condition	Material	Condition	# Toilets	Type	Condition
Lake Sabrina Boat Landing	Wood Siding	Good	Metal	Good	N/A	N/A	N/A
Parking Lot A Restroom	Concrete Masonry Unit	Excellent	Metal	Good	2	Pit	Good

### 5.1.2.4 Signage and Wayfinding

There is a wide variety of sign types, styles and sizes as depicted in Table 5.1-5. Many are standardized across the various Bishop Creek Facilities such as the facility identification signs and the regulatory signs. Other signs are unique to the specific site where they are located. Another general observation, during the site assessment, is that the placement of the signs are somewhat sprawling throughout the site. See Photos 1 through 8 in Appendix F for representative photos of the items referenced above. Based on the assessment, the following issues were identified for consideration:

- Current sign design standards should be reviewed for ADA compliance (e.g. letter sizes, contrast, color).
- Sign mounting heights require review throughout the site and adjusted as needed to meet the regulatory standards for each type, ADA compliance and general visibility. Several of the parking signs observed are mounted very low to the ground and are in conflict with some surrounding plant material.

- Regulatory signs that have been modified should be replaced. Some signs have graffiti on them with non-retroreflective material that will not be visible at night.
- The Lake Sabrina Launch Facility sign is in need of re-painting and maintenance.
- Consider standardizing the sign mounting systems and materials used for the various informational signs to help add continuity to the overall signage system. Some are mounted on round timbers, others on square posts, others on galvanized pipe frame systems; simplifying maintenance and replacement efforts in the long term.
- Consider consolidating the placement of signs to reduce clutter and improve the aesthetic quality of the facility.

**Table 5.1-5 Signage at Lake Sabrina Recreation Area**

Sign Type	Material		Qty	Condition	Comments
	Posts	Sign			
<b>Marina / Boat Launch Facility</b>					
Facility/Site ID	Wood	Wood	1	Fair	Repaint
SCE ID Sign	Wood	Wood	1	Good	
Boat Landing ID	Wood	Wood	1	Good	Touch-up paint
Fire Restriction	Wood	Vinyl	1	Good	Stapled to post structure
Sportsman Regulatory	Galvanized Pipes	Synthetic	1	Good	
Mussels Protection Sign	Wood	Synthetic	1	Good	
Trail Marker	Painted Concrete Post		1	Poor	Remove and replace
Parking / Traffic Regulatory	Wood	Metal	3	Poor	Replace and verify mounting height
Warning Signs		Metal	2	Good	Mounted on dam guardrail
Restroom	-	-	-	-	Missing ADA plaques
<b>Day Use Parking Areas</b>					
Trailhead Kiosk	Wood	Synthetic	1	Good	Review ADA Sign Standards
Parking / Traffic Regulatory	Wood	Metal	2	Fair	

### 5.1.2.5 Visual and Aesthetic Quality

The overall visual quality of the site is very nice by virtue of the natural surroundings. Aesthetics of the building facilities are somewhat dated but appear to be well maintained and consistent with current adopted standards. The primary areas that have potential for improving the visual and aesthetic quality of the overall facility are:

- Upgrades to the signage system through more standardized graphics, mounting structures, and general placement and organization.
- Upgrades, replacement, and/or organization of site furnishings such as recycling and trash receptacles, dumpsters, and fish cleaning station (See Photo 9 in Appendix F).
- Additional plantings for buffering, screening, and enhancement.

### 5.1.2.6 Universal Accessibility

A detailed ADA checklist has been completed for the site (Appendix B) which identifies the various non-compliance issues that should be addressed. The purpose of the checklist is to locate and assess site components within existing public outdoor recreation facilities, as compliance with FSORAG and FSTAG are the legally enforceable standards for use on guidelines discussed in Section 4.1.

The most significant non-compliance issues consist of a lack of accessible routes to the following amenities:

- Lake Shoreline / Beach Access
- Boat Launch and Boat Docks
- Recycling / Trash Receptacles
- Viewing Areas/Overlook at Dam
- Fish Cleaning Station
- Trailheads/Trails
- ADA Accessible Parking (no designated spaces)

Aside from improvements to extend accessible routes, there are various site amenities that should be modified, added, or replaced to conform with ADA standards. Among them are:

- Fish Cleaning Station
- Recycling / Trash Receptacles
- ADA Parking Spaces and Signage

- Tactile Signage at the Restroom

#### 5.1.2.7 Public Safety Measures

There were relatively few identified potential public safety concerns, based on a general assessment. Among those identified are the following:

- The pathway along the crest of the dam has very steep slopes on both edges of the pathway. The lake side of the pathway is protected by a continuous guardrail system while the opposite edge of the pathway is currently unprotected. There are remnants of a past fence or rail system that was removed. A new edge treatment should be considered (railing, cable fence, curb rail, plantings, boulders or other) to better define the edge and reduce the public risk. See Photo 10 in Appendix F.
- The accessible route from the Marina Parking Lot A to various site amenities is shared use with the access drive and parking lot drive aisles. Future considerations to reduce potential for pedestrian and vehicular conflicts should be considered, including strategic striping at crossings, detectable warning pavement (truncated domes), and/or separated pedestrian access routes.
- Repair eroded edges and sections of pathways, roadways and parking areas to alleviate tripping hazards and potential damage to vehicles. See Photo 11 in Appendix F.

#### 5.1.3 DISPERSED USE ASSESSMENT

As summarized in Table 5.1-6 and depicted in Figure 5.1-2, five distinct concentrations of dispersed use were observed at the Lake Sabrina Recreation Area:

- Area A: Shallow impoundment upstream of the weir below Sabrina Dam
- Area B: Northwest shoreline of Lake Sabrina and Sabrina Dam
- Area C: Inlet Trail
- Area D: Peninsula on the western shoreline of Lake Sabrina at the approximate midpoint of the lake and along Inlet Trail
- Area E: Middle Fork Bishop Creek inlet and shoreline located at the southern end of Lake Sabrina

Observations resulted in an estimate of approximately 47 potential campsites; 6 fire pits; 2.0 miles of user created trails; 20 visibly evident bank access points; and 1.3 miles of shoreline used for bank fishing or general recreation. Each area is described in more detail in the following sections.

**Table 5.1-6 Summary of Dispersed Use at the Lake Sabrina Recreation Area**

<b>Area</b>	<b>Name</b>	<b>Potential Campsite</b>	<b>Fire Pit</b>	<b>User Created Trails</b>	<b>Visible Bank Access Point</b>	<b>Shoreline Generally Used for Boat/Bank Fishing (ft)</b>
A	Weir below Sabrina Dam	n/a	n/a	777 ft	20	n/a
B	Northwest Shoreline & Sabrina Dam	n/a	n/a	182 ft	n/a	4,140
C	Inlet Trail	n/a	n/a	6,488 ft	n/a	n/a
D	Mid Lake Sabrina Peninsula	16	2	2,004 ft	n/a	n/a
E	Middle Fork Bishop Creek Inlet	31	4	1,086 ft	n/a	2,941
<b>TOTAL</b>		<b>47</b>	<b>6</b>	<b>10,536 ft</b>	<b>20</b>	<b>7,081</b>

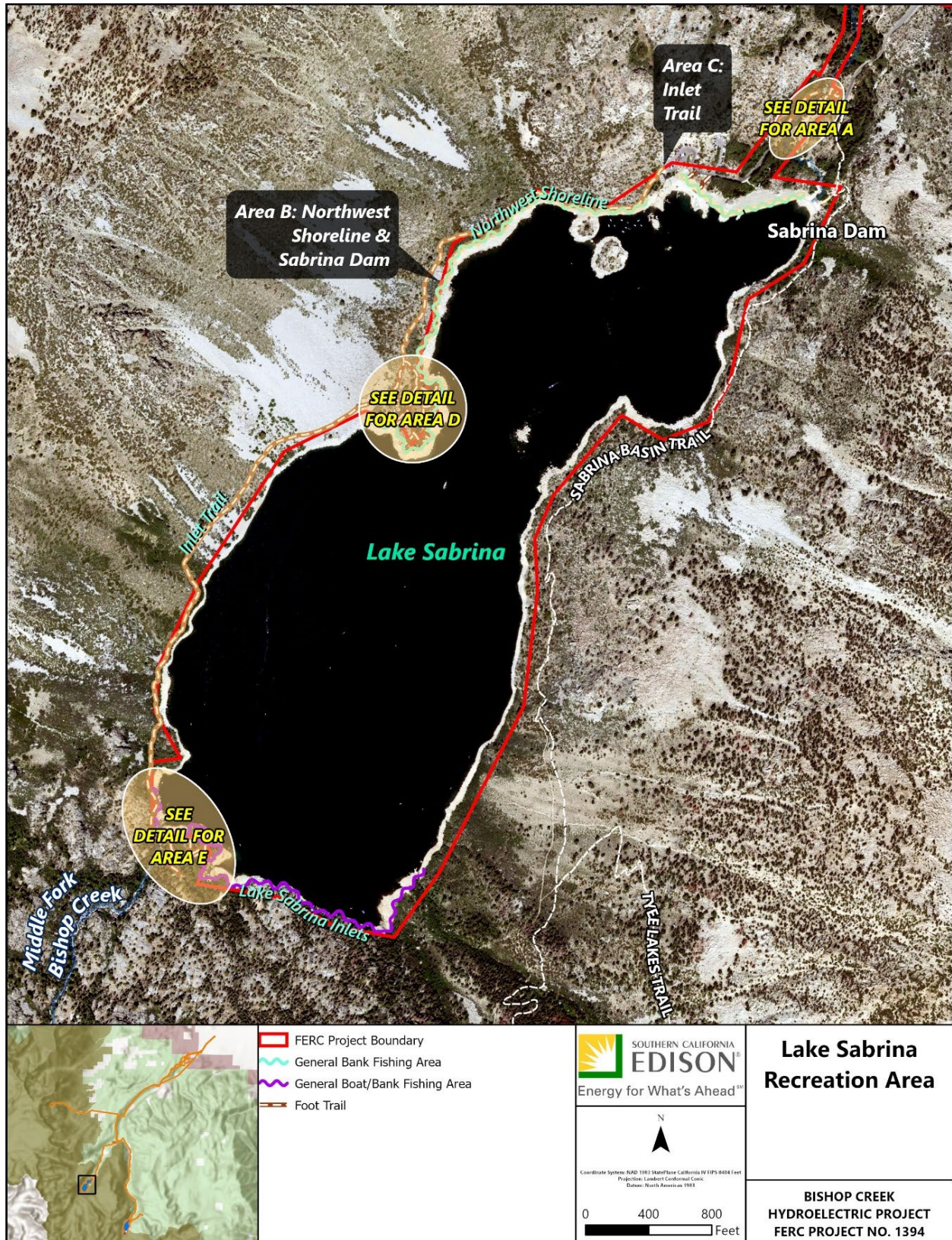
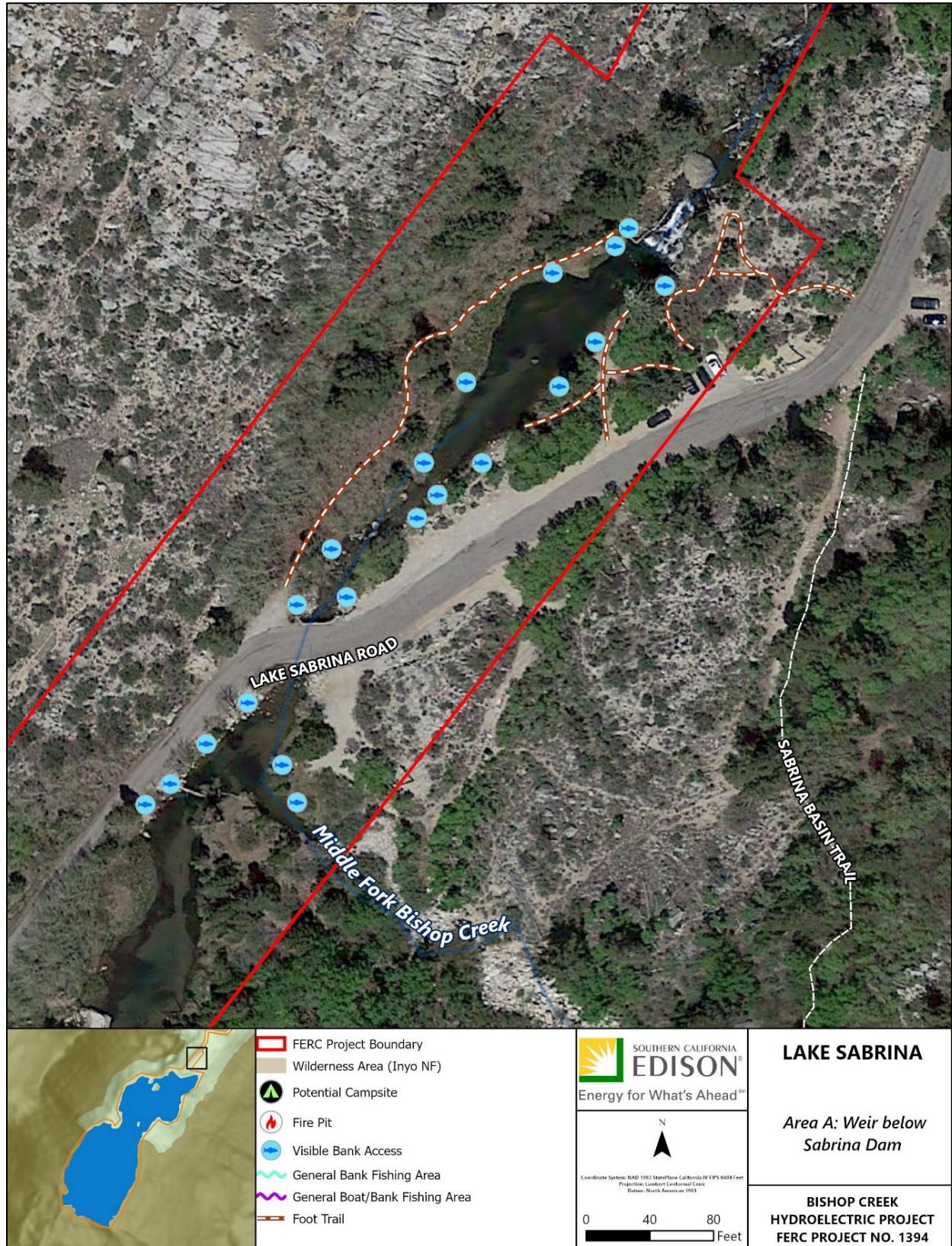


Figure 5.1-2 Overview of Dispersed Use at Lake Sabrina Recreation Area.

### 5.1.3.1 Area A: Weir below Sabrina Dam

Below Sabrina Dam, a Project weir backs up the flow for the Middle Fork Bishop Creek, creating a popular area for bank fishing. As shown on Figure 5.1-3, approximately 20 visible bank access points were noted along this reach; however, most of the shoreline is accessible for fishing. The more easily accessible sections are those adjacent to the Lake Sabrina Road, however, there is a user created trail on the western bank leading from the bridge to the weir. Other short spurs have been established from the road or parking areas to the eastern bank of the creek. In total, approximately 777 feet of user created trails were observed. Activities observed are wholly within the current FERC Project boundary and Inyo National Forest. See Photos 12 through 17 in Appendix F for representative photos of Area A.





**Figure 5.1-3 Detail Figure of Area A**

### 5.1.3.2 Area B: Northwest Shoreline and Sabrina Dam

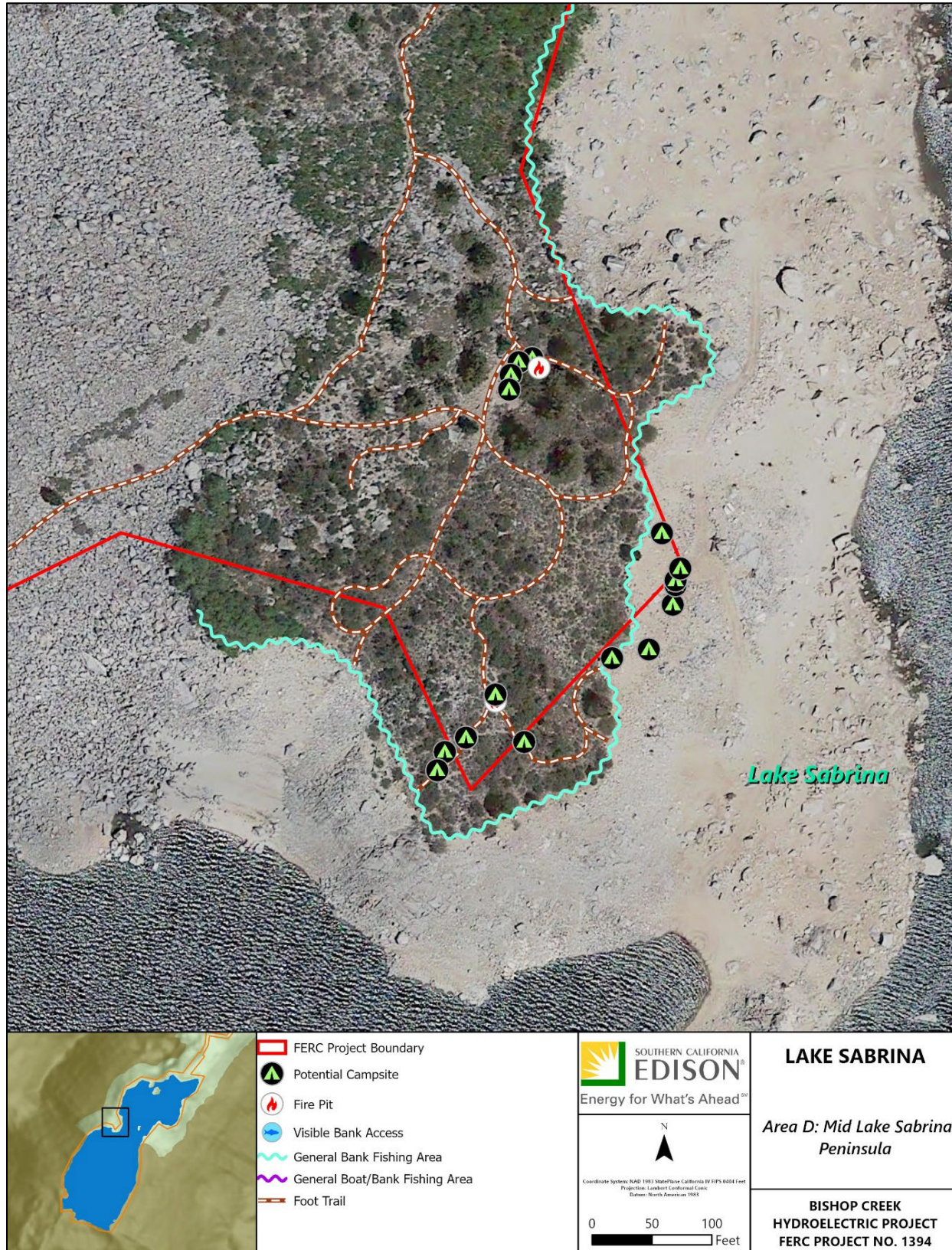
As illustrated in the overview (Figure 5.1-2), approximately 4,140 feet of shoreline extending from the marina to the talus field just south of the peninsula on the western shoreline of Lake Sabrina is a popular bank fishing area. During periods of low water levels, much of the lakebed is exposed and users walk along the shoreline and lake bed to access the current waterline. Vehicles are commonly observed driving down the boat ramp and onto various portions of the lakebed for fishing and general recreation. During maximum or normal water levels, anglers access the area via the Inlet Trail (discussed in more detail in Section 5.1.3.3). Two short cut-off trails were observed from the Sabrina Dam to the access road leading to parking areas. Activities observed are wholly within the current FERC Project boundary and Inyo National Forest. See Photos 18 through 22 in Appendix F for representative photos of Area B.

### 5.1.3.3 Area C: Inlet Trail

As depicted in Figure 5.1-2, a user created trail extends approximately 1.2 miles from the marina to the inlet of Middle Fork Bishop Creek at the southeastern corner of Lake Sabrina. A white wooden post located adjacent to the dumpsters behind the marina serves as a trailhead marker for this informal trail. The trail is well worn and defined for the 0.5 mile stretch from the marina to the talus field just south of the peninsula on the western shoreline of Lake Sabrina. From there, a less defined but obviously marked 0.2 mile scramble exists through the talus field prior to reaching a well-defined dirt path that extends another 0.5 miles to the inlet of Middle Fork Bishop Creek, a popular area for fishermen to access both by trail or by foot. The inlet appears to be the obvious destination for the trail, although other activities along the southern shoreline and forest of Lake Sabrina occur and are discussed in Section 3.0 and 5.1.3.4. During this field assessment, and likely throughout most of the year, there is no easy access across the inlet due to strong flows. Activities observed, specifically the final third of the trail from the end of the talus field to the inlet, are wholly within the Inyo National Forest, and partially within the John Muir Wilderness. The trail meanders in and out of the current FERC Project boundary, which is intended to represent the maximum operating level of the reservoir at this location. See Photos 23 through 31 in Appendix F for representative photos of Area C.

### 5.1.3.4 Area D: Mid Lake Sabrina Peninsula

At the approximate midpoint of the Inlet Trail, a small peninsula extends to the western shoreline of Lake Sabrina (Figure 5.1-4). The peninsula appears to be a popular destination for day use, fishing, and potentially overnight camping with approximately 16 potential campsites; two established fire pits; and 2,004 feet of user created trails on the peninsula. Seven of the potential campsites observed are cleared, flat spaces within the lakebed just east of the peninsula. Activities observed are wholly within the Inyo National Forest, and partially within the current FERC Project boundary, which represents the maximum operating level of the reservoir at this location. See Photos 32 through 36 in Appendix F for representative photos of Area D.



**Figure 5.1-4 Detail Figure of Area D**

### 5.1.3.5 Area E: Middle Fork Bishop Creek Inlet

At the southwestern corner of Lake Sabrina, Middle Fork Bishop Creek inlet to the lake is a popular area for bank and boat fishing, general day use, and overnight camping (Figure 5.1-5). Users may access the area either by hiking along the 1.2 mile, informal Inlet Trail and crossing the creek, or by boat or personal watercraft. The shoreline and forest directly west of the inlet shows evidence of heavy use and overnight camping. Approximately 31 potential campsites; 4 fire pits; and 1,086 user created trails were observed in the area. An approximate 2,941 feet of shoreline on the south end of the lake is a popular fishing bank and general day use area for users at the back of the lake that launched from the boat ramp or accessed the area via the informal Inlet Trail. The area is entirely within the Inyo National Forest, and – excluding a handful of potential campsites observed in the lakebed – the activities observed are wholly within the John Muir Wilderness. Activities are partially within the current FERC Project boundary, which represents the maximum operating level of the reservoir in this location. See Photos 37 through 41 in Appendix F for representative photos of Area E.

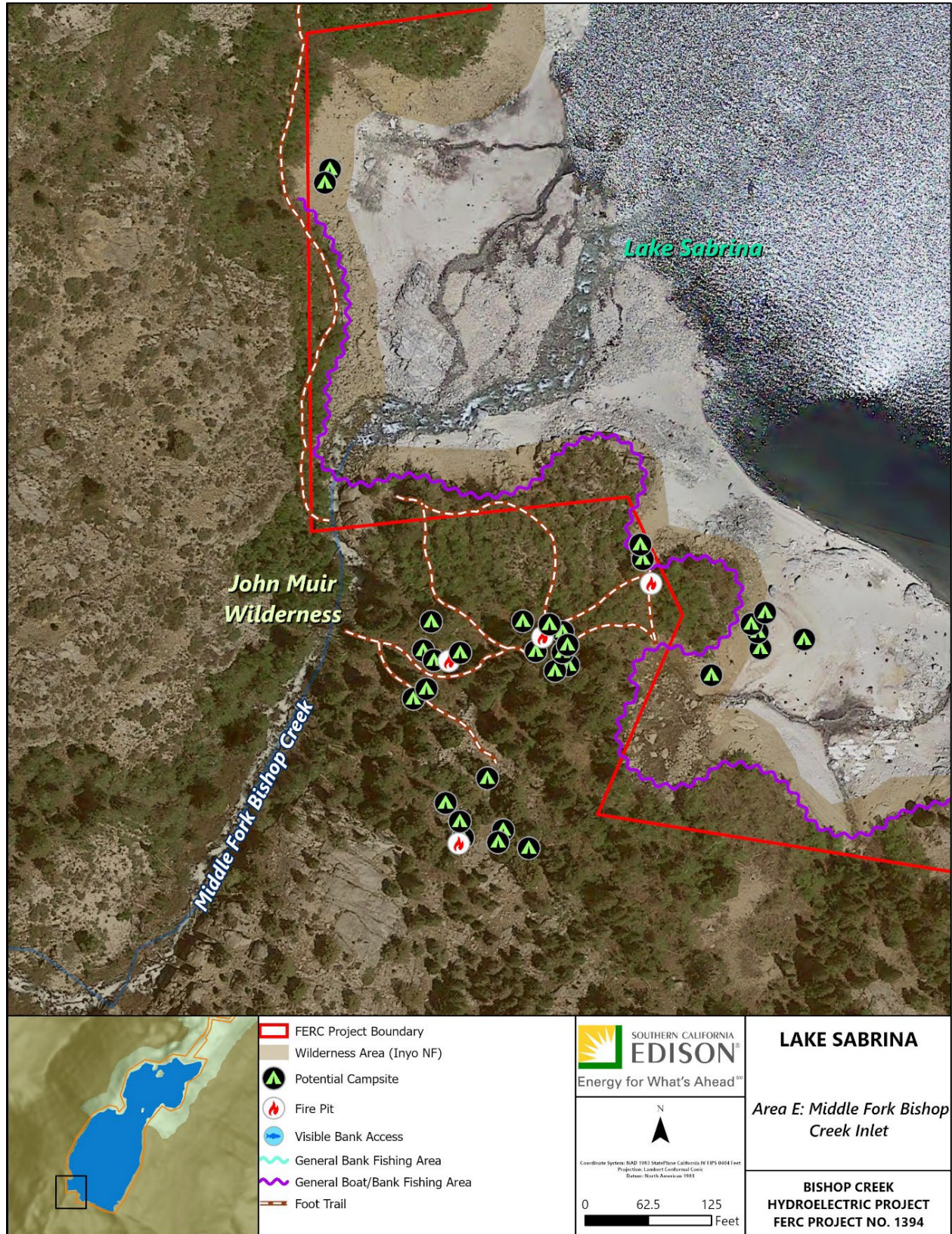


Figure 5.1-5 Detail Figure of Area E

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## **5.2 SOUTH LAKE RECREATION AREA**

### 5.2.1 SITE OVERVIEW

South Lake Recreation Area is located at the terminus of South Lake Road at approximately 9,800-feet above sea level where Hillside Dam impounds the South Fork Bishop Creek to create South Lake. Developed recreation amenities generally include a boat ramp, pier, marina, restrooms, picnic tables, and trailheads for Bishop Pass and Rainbow Pack Station Trails, all of which are owned and operated by the Inyo National Forest Service or its concessionaires. The following sections provide facility condition assessments of the roads and parking, site elements, site buildings, signage, visual and aesthetic qualities, universal accessibility, and public safety measures associated with those amenities. Figure 5.2-1 provides an overview of all site elements discussed in the following sections.

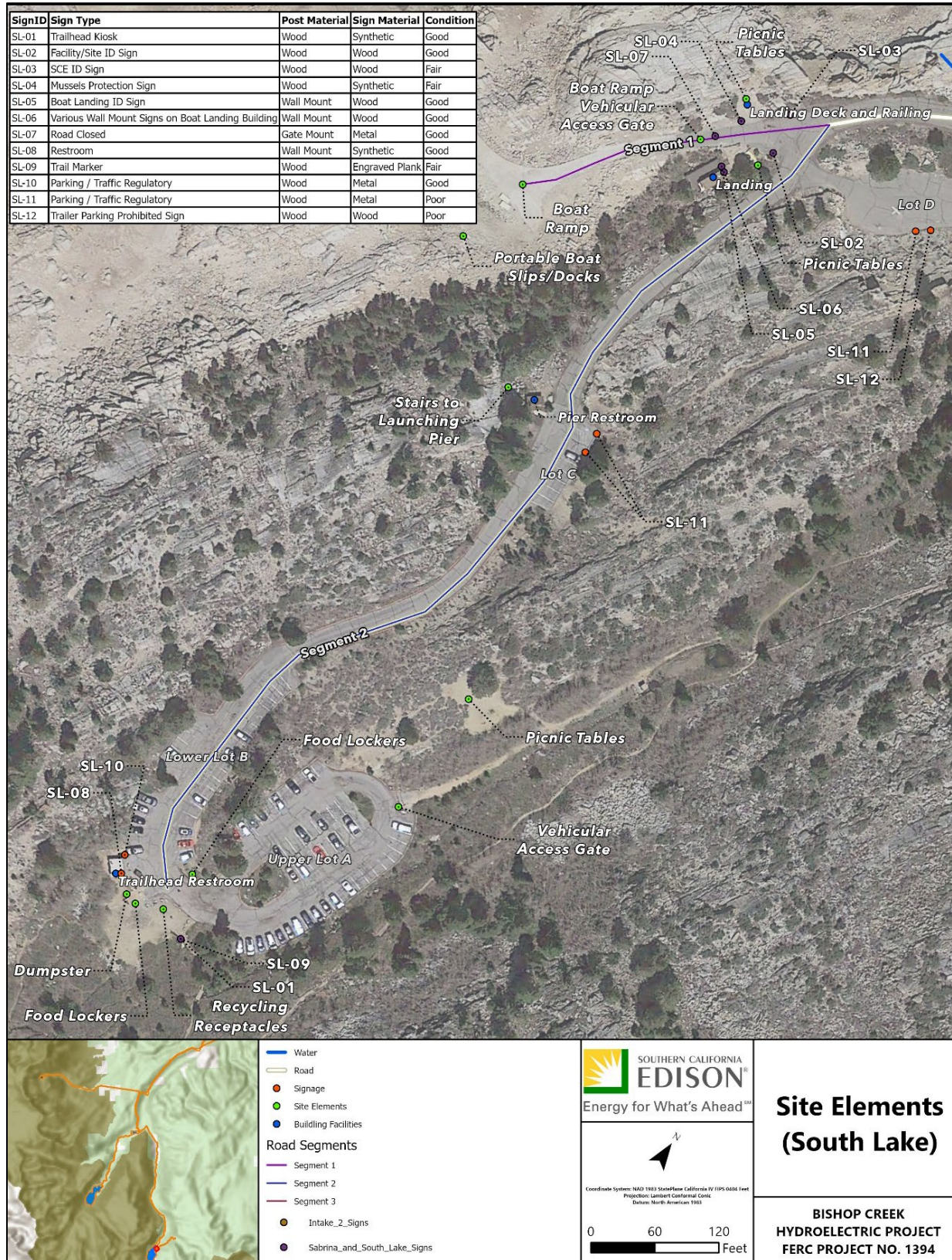


Figure 5.2-1 South Lake Site Elements

## 5.2.2 FACILITY CONDITION ASSESSMENT

### 5.2.2.1 Roads and Parking

South Lake Road terminates at South Lake, providing sole access to the South Lake Recreation Area. To facilitate discussion, the access road has been divided into two segments (Road Segments 1 and 2), as shown on Figure 5.2-1 and described in Figure 5.2-2. Parking consists of four paved parking lots: Parking Lots A, B, C, and D. Parking Lot A and B are associated with the trailhead, while Parking Lot C and D are associated with the launching facility. At the time of the initial assessment in August 2020, Parking Lots A, B, and D had been recently resurfaced but were not yet striped. The Access Road and Lot C were in poor condition. Based upon updated photos received in June 2021, it appears that all paving and striping work is complete and that the roads and parking facilities associated with both the launching facility and the trailhead are in excellent condition. As shown on Photo 42 in Appendix F, paving stopped approximately 30 feet from the boat ramp and the staff parking.

**Table 5.2-1 South Lake Recreation Area Access Roads**

Site	Surface Material	Road Width (ft)	Circulation Type	Condition
Road Segment 1 (Main Access Road to Boat Launch)	Asphalt	± 20'	2-way	Good <sup>a</sup>
Road Segment 2 (Launch Facility to Trailhead Parking)	Asphalt	± 24'	2-way	Good <sup>a</sup>

<sup>a</sup>Roads were under construction during site assessment originally completed August 2020. Based on photos provided in June 2021, parking lots and access roads have been newly paved.

**Table 5.2-2 South Lake Recreation Area Parking**

Site	Sub-site	Parking with Striping	Parking w/o Striping	Surface	
				Material	Condition
South Lake Trailhead Parking	Lot A	50 stalls		Asphalt	Good <sup>a</sup>
	Lot B	36 stalls		Asphalt	Good <sup>a</sup>
South Lake Launching Facility Parking	Lot C	8 stalls		Asphalt	Good <sup>a</sup>
	Lot D	15 stalls		Asphalt	Good <sup>a</sup>
	Staff Parking		20' X 25' (Head-in Spaces)	Gravel	Good

<sup>a</sup>Site assessment updated from original August 2020 site visit based on June 2021 photos

#### 5.2.2.2 Site Elements

Table 5.2-3 provides a detailed inventory of all elements assessed at this site. During the assessment site visit, the reservoir water level was at the low operating level. The movable floating boat docks were in use but were not on an accessible route and by



nature of design do not meet ADA accessibility compliance. The boat launch ramp was observed in use and was operable; however, the boat launch facility as designed does not provide ADA accessibility. The food lockers located at the trailhead appear to be in good condition. See Photos 43 through 45 in Appendix F for representative photos of the items referenced above.

**Table 5.2-3 South Lake Recreation Area Site Elements**

Site Element	Parameter	Assessment
<b>South Lake Launching Facility</b>		
Boat Ramp	No. of Lanes	2
	Material(s)	Concrete
	Condition	Good
Portable Boat Slips/Docks	No. of Structures	1
	Type	Floating
	Material(s)	Wood /Synthetic
	Condition	Good
Picnic Tables	No. of Structures	3
	Material(s)	Wood
	Condition	Needs Repair
Stairs to Launching Pier	Location	Near Parking Lot C
	Material	Timber and Earthen
	Condition	Needs Replacement
Boat Ramp Vehicular Access Gate	Type	Single Swing
	Material	Painted Galvanized Steel
	Condition	Needs Replacement
<b>South Lake Trailhead</b>		
Recycling Receptacles	Quantity	1
	Type	Combo (3) compartment
	Material	Metal
	Condition	Good
Dumpster	Quantity	1
	Type	Bear proof
	Material	Metal
	Condition	Good
Food Lockers	Quantity	6
	Material	Painted Metal
	Condition	Good
Picnic Tables	No. of Structures	2

Site Element	Parameter	Assessment
	Material(s)	Wood
	Condition	Need Repair
Vehicular Access Gate	Type	Posts and Chain
	Material	Metal
	Condition	Need Repair

### 5.2.2.3 Site Buildings

The two restrooms located at the trailhead and across from Parking Lot C were reviewed based on visual condition assessment and as part of the ADA accessibility assessment.

The trailhead restroom, a pit toilet with no supporting utilities, is a relatively new, pre-cast concrete structure which is in excellent condition and ADA compliant.

The Parking Lot C restroom, a pit toilet with no supporting utilities, is a pre-engineered CMU structure on a slab with a standing seam metal roof. The restroom is somewhat dated and, based on the ADA assessment, has deficiencies that require attention. The CMU block and roof appear to be in good condition. The interior is in poor condition and needs repairs and maintenance upgrades.

The South Lake Landing building was reviewed based on visual assessment of the exterior only. The building consists of painted wood panel siding and wood trim, all of which appears to be in good shape. The roof consists of a very flat, sloped shed roof with composite shingles that appears to be at the end or near end of lifespan (Appendix F, Photo 47). It is recommended that it be replaced soon. The partially surrounding deck with built-in seating and railing appears to be in good condition. The ramp that accesses the deck is structurally in good condition; however, the transition from earthen path to the ramp is not flush with the edge of ramp and requires modification to accommodate ADA accessibility (Appendix F, Photo 46).

**Table 5.2-4 South Lake Recreation Area Site Buildings**

Building ID	Exterior		Roof		Interior		
	Material	Condition	Material	Condition	# Toilets	Type	Condition
<b>South Lake Launching Facility</b>							
South Lake Landing	Wood Siding & Trim	Good	Composite	Needs Replacement	N/A	N/A	N/A
* South Lake Landing Deck and Railing	Wood	Needs Maintenance and Ramp Repair	N/A	N/A	N/A	N/A	N/A
** Restroom Near Stairs to Launching Pier	CMU	Good	Metal	Good	2	Pit	Needs Repairs and Maintenance
<b>South Lake Trailhead</b>							
Trailhead Restroom	Pre-cast Concrete	Good	Pre-cast Concrete	Good	2	Pit	Good

\* Deck entry ramp transition is not ADA accessible and should be modified. See ADA Accessibility Checklist for detailed information.

\*\* Interior needs material replacement, door hardware should be upgraded, restrooms are not ADA accessible; a sign should be added to direct patrons to the trailhead restroom. See ADA Accessibility Checklist for detailed information.

#### 5.2.2.4 Signage and Wayfinding

There is a wide variety of sign types, styles and sizes (Table 5.2-5). Many are standardized across the various Bishop Creek facilities such as the facility identification and regulatory signs. Other signs are unique to the specific installation site. Sign placements are somewhat sprawling throughout the site. Based on the assessment, the following issues were identified and should be considered.

- Current sign design standards should be reviewed for ADA compliance (e.g. letter sizes, contrast, color).
- Sign mounting heights should be adjusted as needed to meet the regulatory standards for each type, ADA compliance and general visibility.
- Consider standardizing the sign mounting systems and materials used for the various informational signs to help add continuity to the overall signage system. Some are mounted on round timbers, others on square posts, others on galvanized pipe frame systems. This will also simplify maintenance and replacement efforts in the long term.
- Consider consolidating the placement of signs to reduce visual clutter and improve the aesthetic quality of the facility.

**Table 5.2-5 Signage at South Lake Recreation Area**

Sign Type	Material		Qty	Condition	Comments
	Posts	Sign			
<b>South Lake Launching Facility</b>					
Facility/Site ID	Wood	Wood	1	Good	
SCE ID Sign	Wood	Wood	1	Fair	Weathered
Boat Landing ID	Wall Mount	Wood	1	Good	
Various Wall Mount Signs on Boat Landing Building	Wall Mount	Wood	3	Good	
Mussels Protection Sign	Wood	Synthetic	1	Fair	Missing mounting bolts
Parking / Traffic Regulatory	Wood	Metal	3	Poor	1 at Parking Lot D and 2 at Parking Lot C
Road Closed	Gate Mount	Metal	1	Good	
Trailer Parking Prohibited Sign	Wood	Wood	1	Poor	Observed torn down and laying on the ground
<b>South Lake Trailhead</b>					
Trailhead Kiosk	Wood	Synthetic	1	Good	Review ADA Sign Standards
Parking / Traffic Regulatory	Wood	Metal	1	Good	
Restroom	Wall Mount	Synthetic	2	Good	
Trail Marker	Wood	Engraved Plank	1	Fair	

#### 5.2.2.5 Visual and Aesthetic Quality

The overall visual quality of the site is very nice by virtue of the natural surroundings. Aesthetics of the building facilities are somewhat dated but appear to be well maintained and consistent with current adopted standards. The main areas that have potential for improving the visual and aesthetic quality of the overall facility are:

- Upgrades to the signage system through more standardized graphics, mounting structures, and general placement and organization.
- Upgrades, replacement, and/or organization of site furnishings such as recycling and trash receptacles, dumpsters, food lockers.

- Additional plantings for buffering, screening, and enhancement.

#### 5.2.2.6 Universal Accessibility

A detailed ADA checklist was completed for the site (Appendices C and D) that identifies the various non-compliance issues that should be addressed. The most significant deficiencies consist of a lack of accessible routes to the following amenities:

- Lake Shoreline / Beach Access (Appendix F, Photo 49)
- South Lake Landing Building
- Boat Launch and Boat Docks
- Recycling / Trash Receptacles
- Picnic Tables (Appendix F, Photo 48)
- Trailheads/Trails

#### 5.2.2.7 Public Safety Measures

Based on a general assessment of potential public safety concerns, there were relatively few identified. Of those that should be addressed are:

- The stairs to the launching pier are in poor condition and pose safety hazards. The stairs should be rebuilt. Consider adding a handrail (Appendix F, Photo 50).
- Repair eroded edges and sections of pathways and paved surfaces to alleviate tripping hazards and potential damage to vehicles (Appendix F, Photo 51).

#### 5.2.3 DISPERSED USE ASSESSMENT

As summarized in Table 5.2-6 and depicted on Figure 5.2-2, nine distinct concentrations of dispersed use were observed at the South Lake Recreation Area:

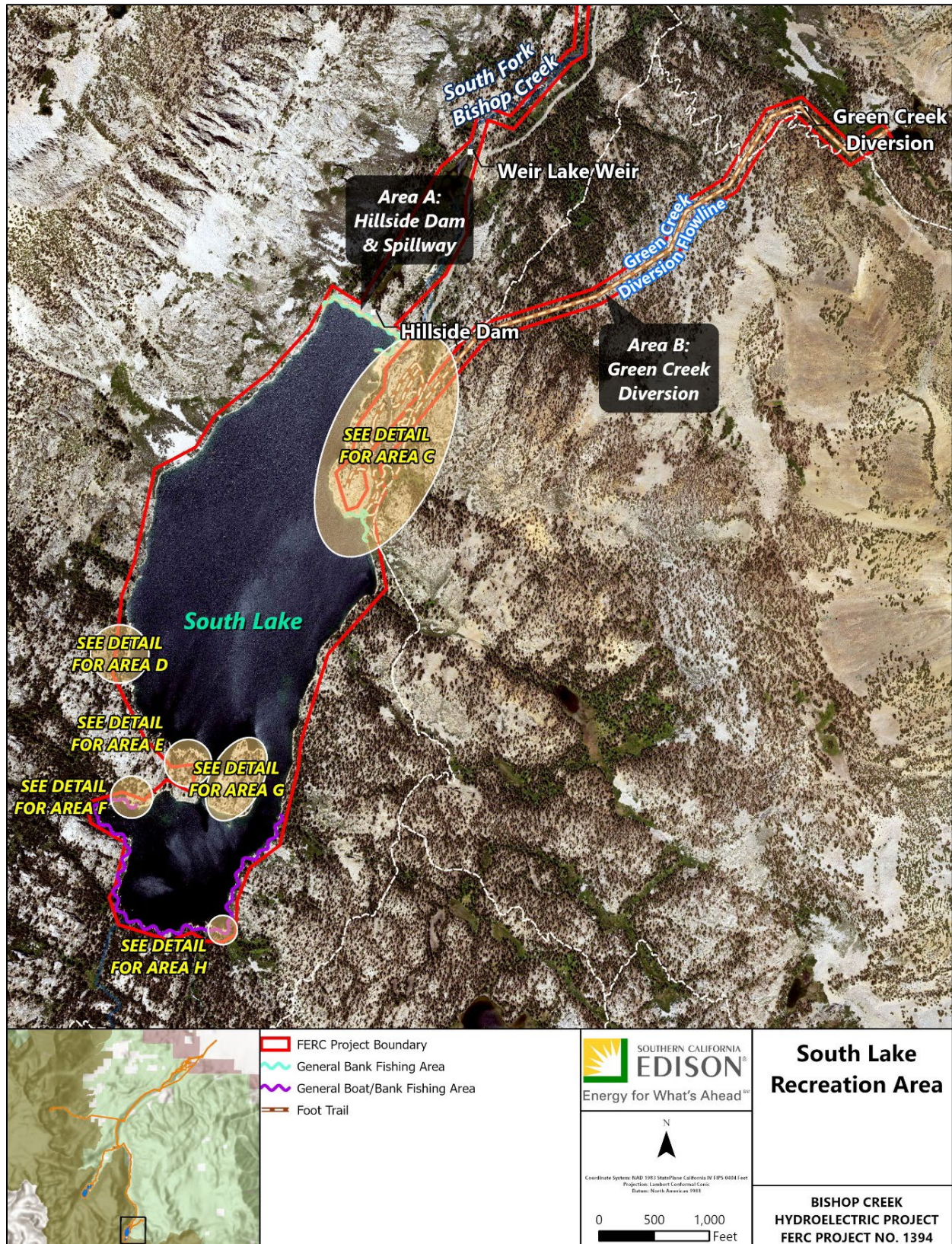
- Area A: Hillside Dam and Spillway
- Area B: Green Creek Diversion Pipeline
- Area C: Main recreation area
- Area D: Use along the southern shoreline of South Lake
- Area E: General use of the shoreline and areas around the southern inlets to Lake Sabrina
- Area F: Use along the southern shoreline of South Lake

- Area G: Use on the island in the southern portion of South Lake
- Area H: Use along the southern shoreline of South Lake

Observations resulted in an estimate of approximately 82 potential campsites; 20 fire pits; 1.9 miles of user created trails; and 1.0 miles of shoreline used for bank fishing or general recreation. Each area is described in more detail in the following sections.

**Table 5.2-6 Summary of Dispersed Use at South Lake Recreation Area**

Area	Name	Potential Campsite	Fire Pit	User Created Trails	Visible Bank Access Point	Shoreline Generally Used for Boat/Bank Fishing (ft)
A	Hillside Dam and Spillway	n/a	n/a	n/a	n/a	1,101
B	Green Creek Diversion	n/a	n/a	5,667 ft	n/a	n/a
C	Main Recreation Area	14	1	4,373 ft	n/a	480
D	Southern Shorelines of South Lake	8	2	n/a	n/a	n/a
E	Southern Shorelines of South Lake	13	4	n/a	n/a	n/a
F	Southern Shorelines of South Lake	8	1	n/a	n/a	n/a
G	Island	36	11	n/a	n/a	n/a
H	Southern Shorelines of South Lake	3	1	n/a	n/a	3,832
<b>TOTAL</b>		<b>82</b>	<b>20</b>	<b>10,040</b>	<b>0</b>	<b>5,413</b>



**Figure 5.2-2 Overview of Dispersed Use at South Lake Recreation Area**



### 5.2.3.1 Area A: Hillside Dam and Spillway

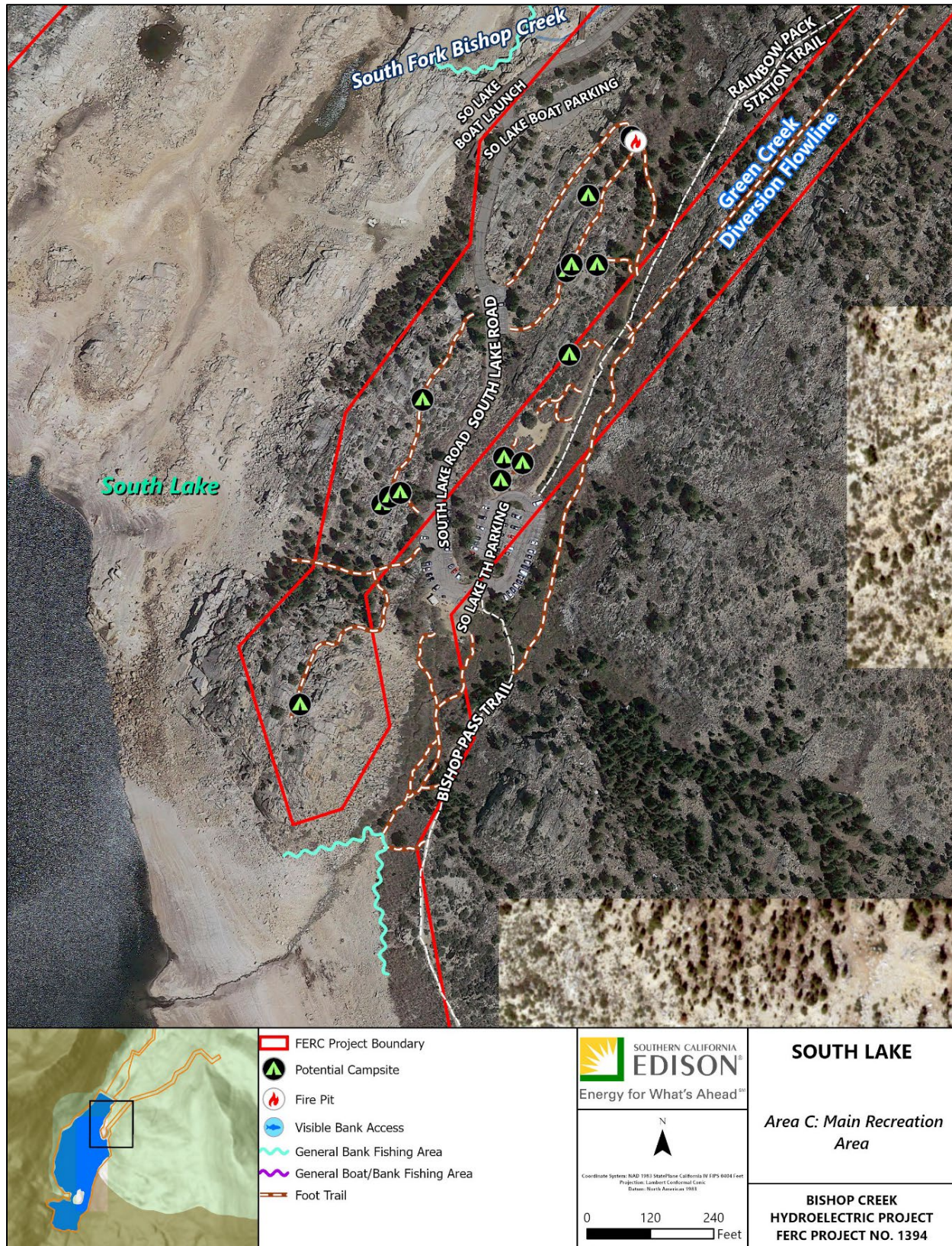
As shown on Figure 5.2-3, both Hillside Dam and Spillway are commonly used by anglers for fishing. Anglers cross the dam and fish on the western bank of the lake just upstream of the dam. This accounts for approximately 1,101 feet used for bank fishing. These facilities are fully within the FERC Project boundary and on Inyo National Forest lands. See Photos 52 through 54 in Appendix F for representative photos of Area A.

### 5.2.3.2 Area B: Green Creek Diversion

The Green Creek Diversion Pipeline (Figure 5.2-3) is an out-of-commission Project feature that extends approximately 1.1 miles from the Green Creek Diversion to the South Lake recreation parking area associated with the Bishop Pass and Rainbow Pack Station Trailheads. Based upon conversations with the Inyo National Forest Service, there appears to be hiking activity along the pipeline instead of using the USFS' Baker Summit Trail, further north to access wilderness areas to the east. At the request of the Inyo National Forest Service, a trail counter was installed to collect foot traffic activity that will be presented as part of the Recreation Use and Needs study (REC 1) that is currently underway. Activities observed are wholly within both the Inyo National Forest and the current FERC Project boundary, which is intended to represent a 150-foot buffer (75 feet to each side of centerline) around the Green Creek Diversion Pipeline at this location. See Photos 55 through 61 in Appendix F for representative photos of Area B.

### 5.2.3.3 Area C: Main Recreation Area

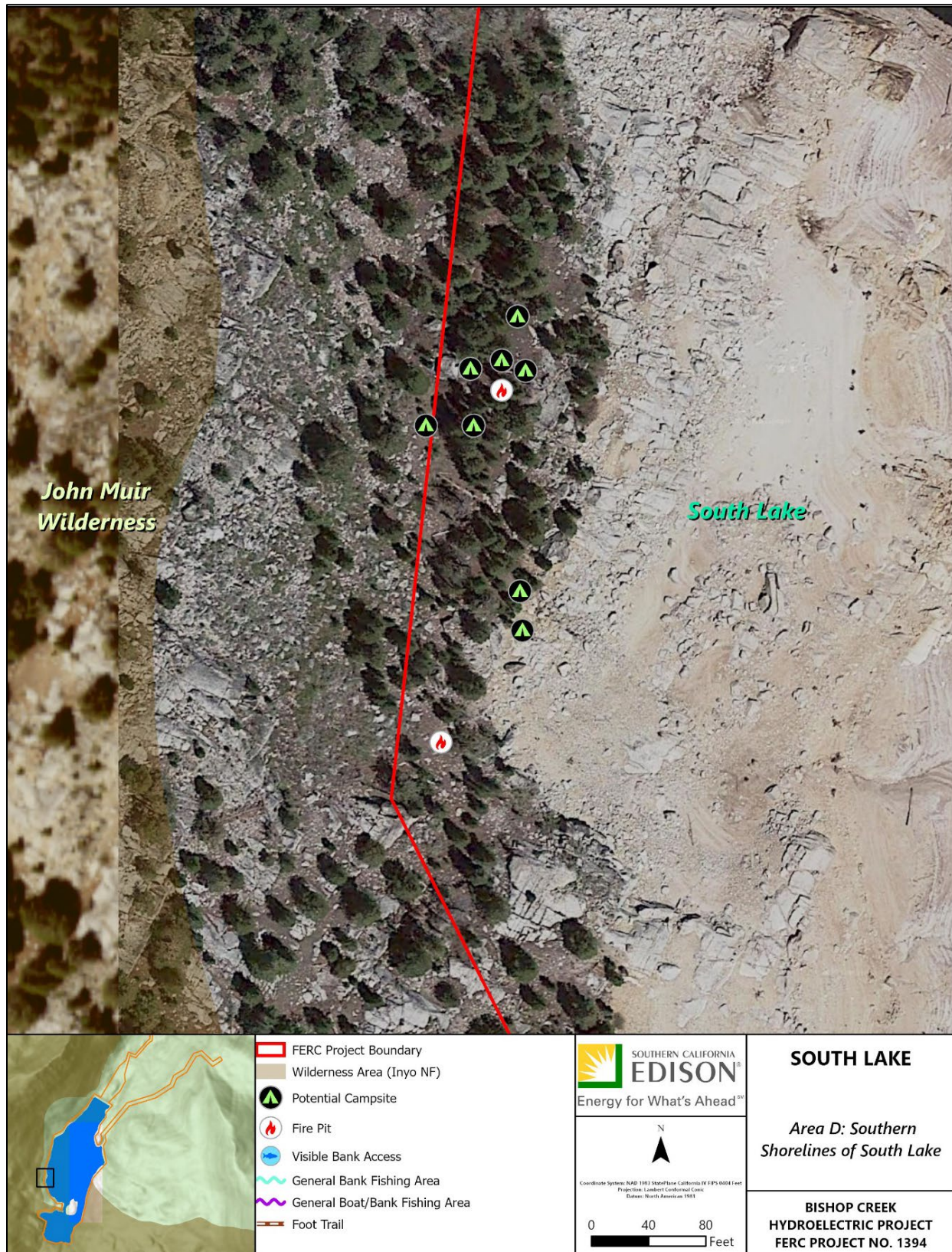
As depicted in Figure 5.2-3, the developed portion of the South Lake Recreation Area is primarily focused in this area, providing a boat ramp, marina, restrooms, picnic area, and trailheads to Bishop Pass and Rainbow Pack Station Trails, as well as an extensive arrangement of parking areas to accommodate the high activity. As expected with a high degree of use in developed areas, dispersed activity outside of those developed sites was observed. Approximately 14 potential campsites; one fire pit; and 4,373 feet of user created trails were observed in the area. Potential campsites were observed largely along the ridges to the east and west of the access road and above the developed facilities; the majority of the user created trails observed were leading to these locations. Just south of the Bishop Pass Trailhead, a small network of trails leads to a small cove that is popular for bank fishing along approximately 480 feet of shoreline. Activities observed are wholly within the Inyo National Forest and partially within the current FERC Project boundary, which represents the maximum operating level of the reservoir and a 150-foot buffer (75 foot to each side of centerline) around the Green Creek Diversion Pipeline at this location. See Photos 62 through 66 in Appendix F for representative photos of Area C.



**Figure 5.2-3 Overview of Dispersed Use at South Lake Recreation Area**

#### 5.2.3.4 Area D: Southern Shorelines of South Lake

Area D (Figure 5.2-4) is one of a handful of areas along the southern shoreline of South Lake where potential camping and other day use activities were observed. Area D is located on the western shoreline of the lake, just upstream of the island. At this location, approximately eight potential campsites and two fire pits were observed. A tarp and nails in trees were also observed, which suggest long term camping activity may have occurred. All but one of the potential campsites appears to be within the current FERC Project boundary as it is currently drawn; however, that boundary represents the maximum operating level of the reservoir at this location. The observed activity is wholly within the Inyo National Forest. Activity is near the boundary of the John Muir Wilderness, and it is unclear whether the boundary in this location is also meant to represent the maximum operating level of South Lake or to provide a buffer on that water line. See Photos 67 through 71 in Appendix F for representative photos of Area D.



**Figure 5.2-4 Detail Figure of Area D**

### 5.2.3.5 Area E: Southern Shorelines of South Lake

Area E is another area along the southern shoreline of South Lake where potential camping and other day use activities were observed (Figure 5.2-5). Area E is located on the western shoreline of the lake, just south of Area D and directly west of the island. At this location, approximately 13 potential campsites and four fire pits were observed. A portion of activity is within the current FERC Project boundary as it is currently drawn; however, that boundary is intended to represent the maximum operating level of the reservoir at this location. The observed activity is within the Inyo National Forest, though a portion of the lands are owned by SCE. Activity is near the boundary of the John Muir Wilderness, and it is unclear whether the boundary in this location is also meant to represent the maximum operating level of South Lake or to provide a buffer on that water line. See Photos 72 through 76 in Appendix F for representative photos of Area E.

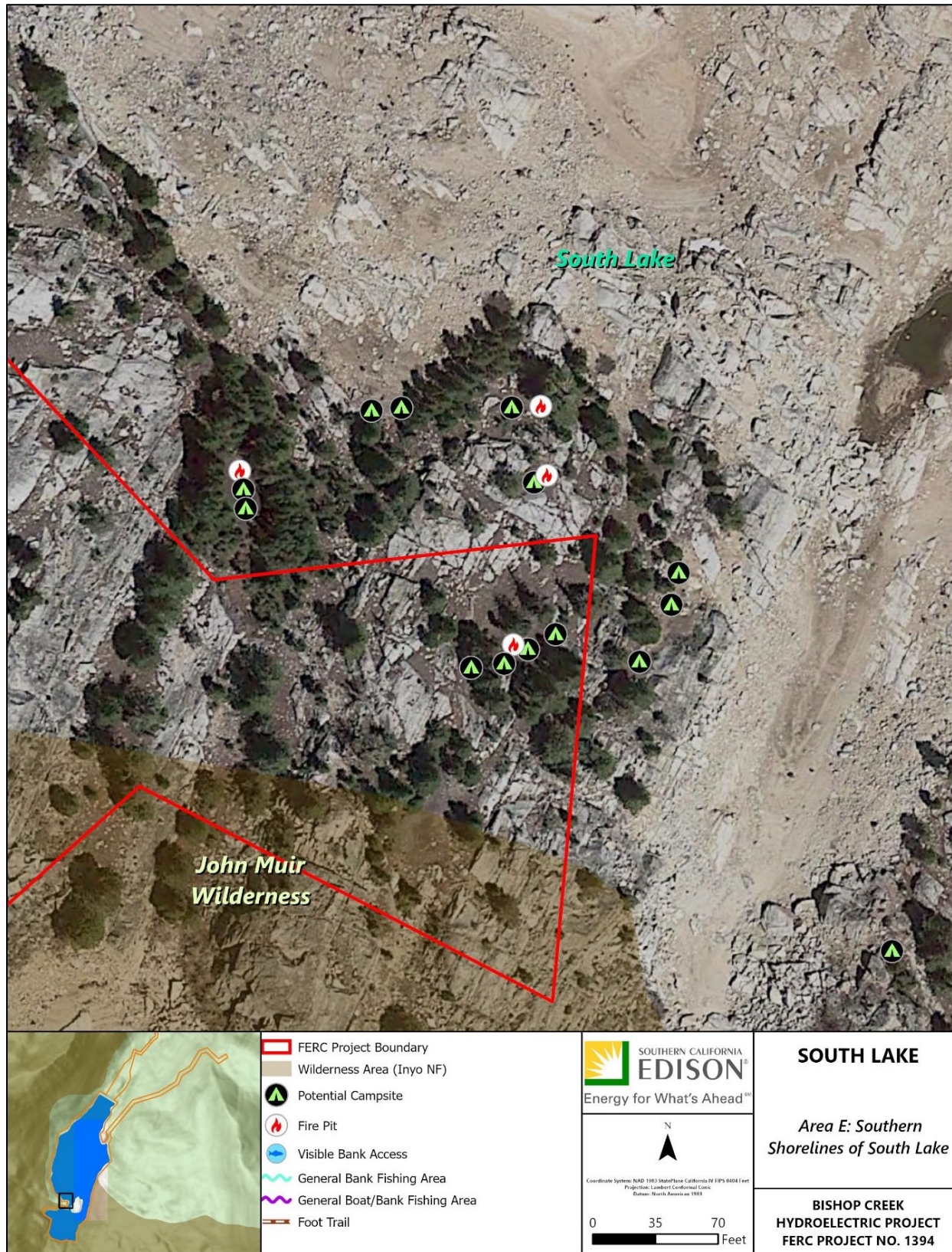
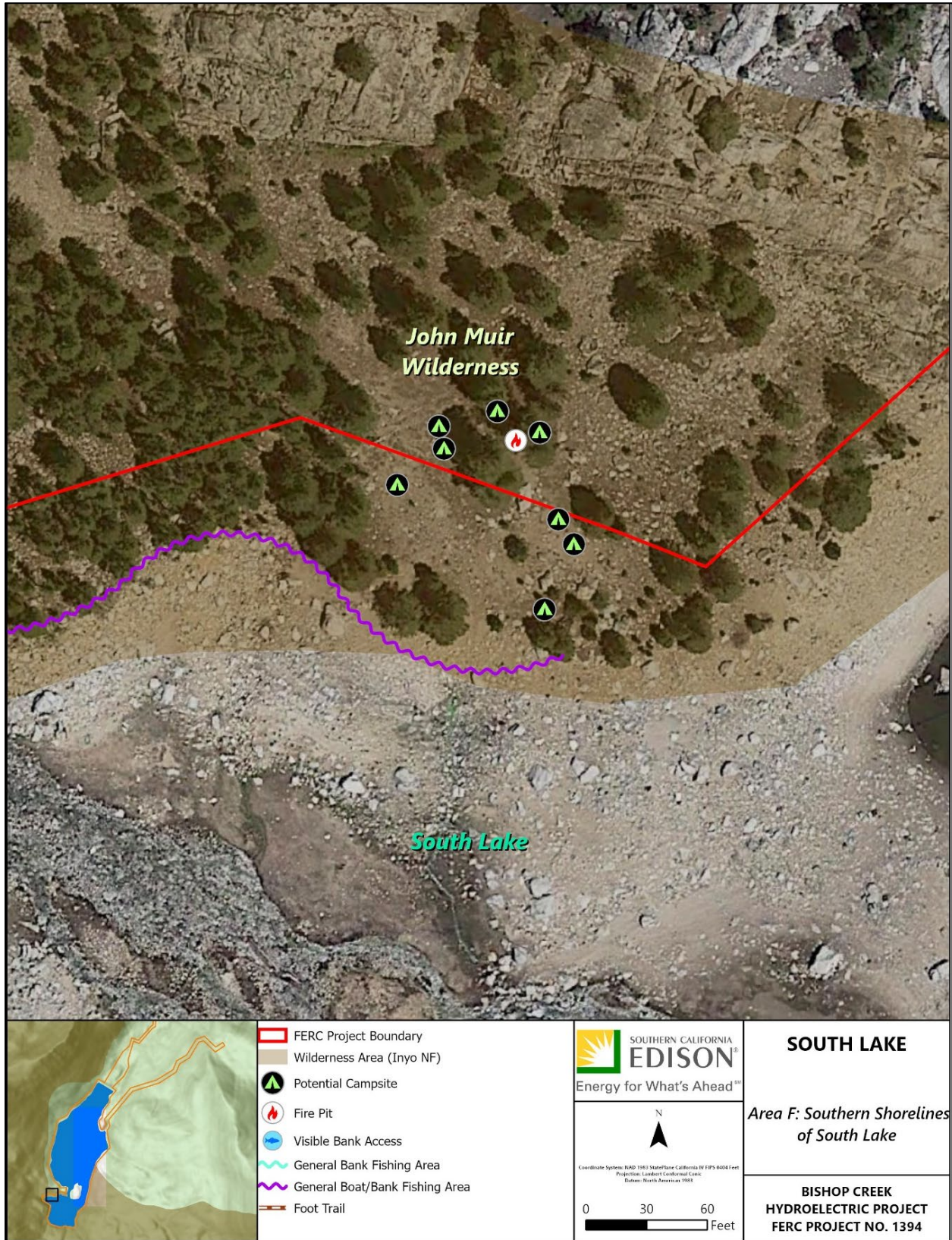


Figure 5.2-5 Detail Figure of Area E

### 5.2.3.6 Area F: Southern Shorelines of South Lake

Area F (Figure 5.2-6) is area along the southern shoreline of South Lake where potential camping and other day use activities were observed. Area F is located on the western shoreline of the lake, just southwest of Area E and the island. At this location, approximately eight potential campsites and one fire pit were observed. A portion of activity is within the FERC Project boundary as it is currently drawn; however, that boundary is intended to represent the maximum operating level of the reservoir at this location. The observed activity is wholly within the Inyo National Forest and John Muir Wilderness. See Photo 77 in Appendix F for a representative photo of Area F.



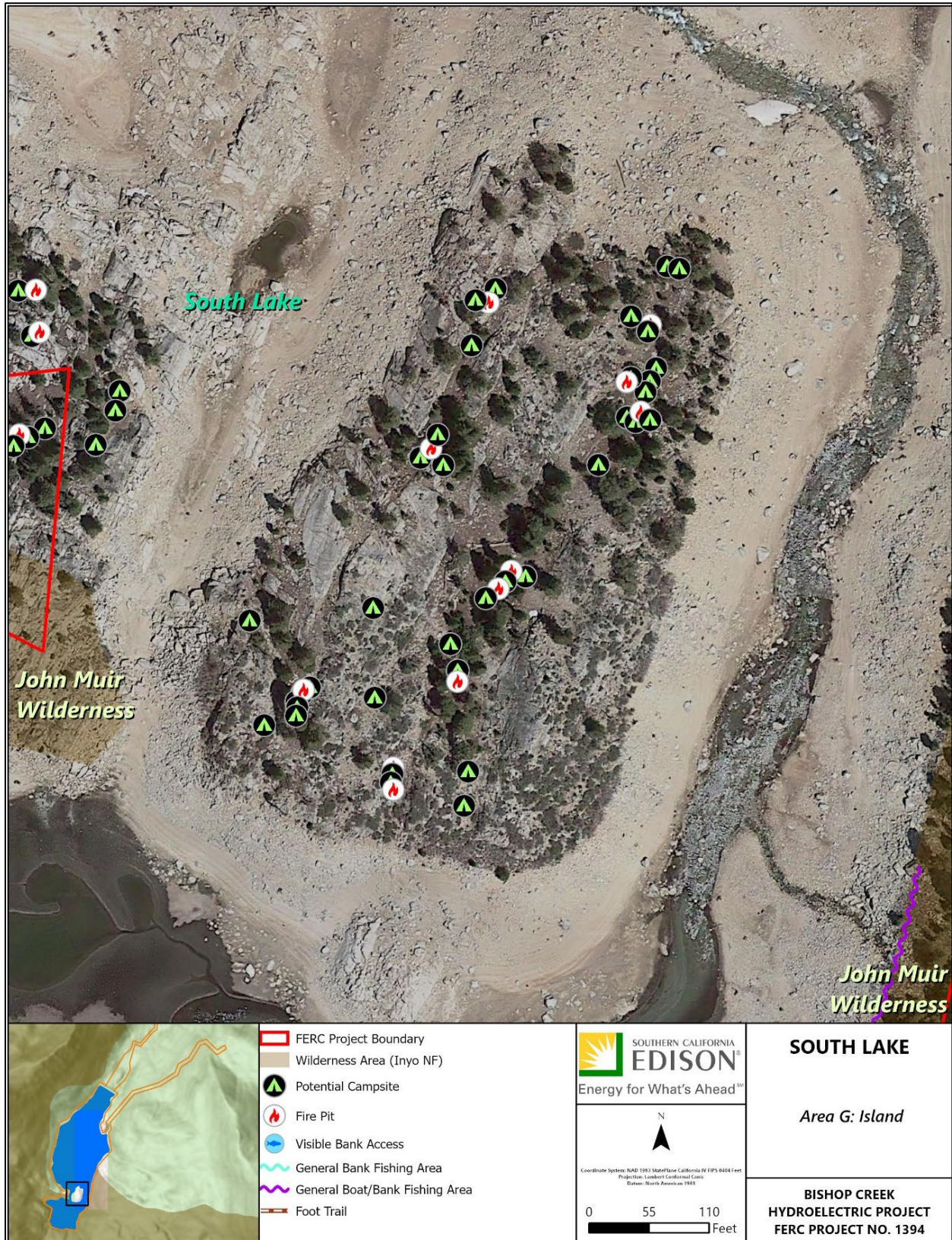
**Figure 5.2-6 Detail Figure of Area F**



### 5.2.3.7 Area G: Island

Area G (Figure 5.2-7) is an island located at the southern end of South Lake where a high degree of potential camping and other day use activities were observed. The island is located directly west of Area E and is accessed by boat users, often, it appears, for overnight activities. At this location, approximately 36 potential campsites and 11 fire pits were observed at various locations throughout the island.

All but one of the potential campsites appears to be within the FERC Project boundary as it is currently draw; however, that boundary is intended to represent the maximum operating level of the reservoir at this location. The observed activity is wholly within the Inyo National Forest. Activity is near the boundary of the John Muir Wilderness, and it is unclear whether the boundary in this location is meant to represent the maximum operating level of South Lake or to provide a buffer on that water line. See Photos 78 through 84 in Appendix F for representative photos of Area G.



**Figure 5.2-7 Detail Figure of Area G**

#### 5.2.3.8 Area H: Southern Shorelines of South Lake

Area H is located adjacent to an inlet at the southern end of South Lake where approximately three potential campsites, one fire pit, and other day use activities were observed. All observed activity is located below the high-water mark and thus is within the FERC Project boundary. The observed activity is wholly within the Inyo National Forest; all activity below the high-water mark is outside of John Muir Wilderness, but any activity above that high-water mark would be within the John Muir Wilderness. See Photos 85 through 87 in Appendix F for representative photos of Area H.

### 5.3 INTAKE NO. 2 RESERVOIR RECREATION AREA

#### 5.3.1 SITE OVERVIEW

Intake No. 2 Reservoir Recreation Area (Figure 5.3-1) is located along CA Highway 168 at approximately 8,100 feet above sea level where Intake No. 2 Dam impounds the Middle Fork Bishop Creek to create Intake No. 2 Reservoir. Developed recreation amenities generally include a fishing pier and picnic tables, all of which are owned and operated by the Inyo National Forest Service or its concessionaires. The following sections provide facility condition assessment of the roads and parking, site elements, site buildings, signage, visual and aesthetic qualities, universal accessibility, and public safety measures associated with those amenities.

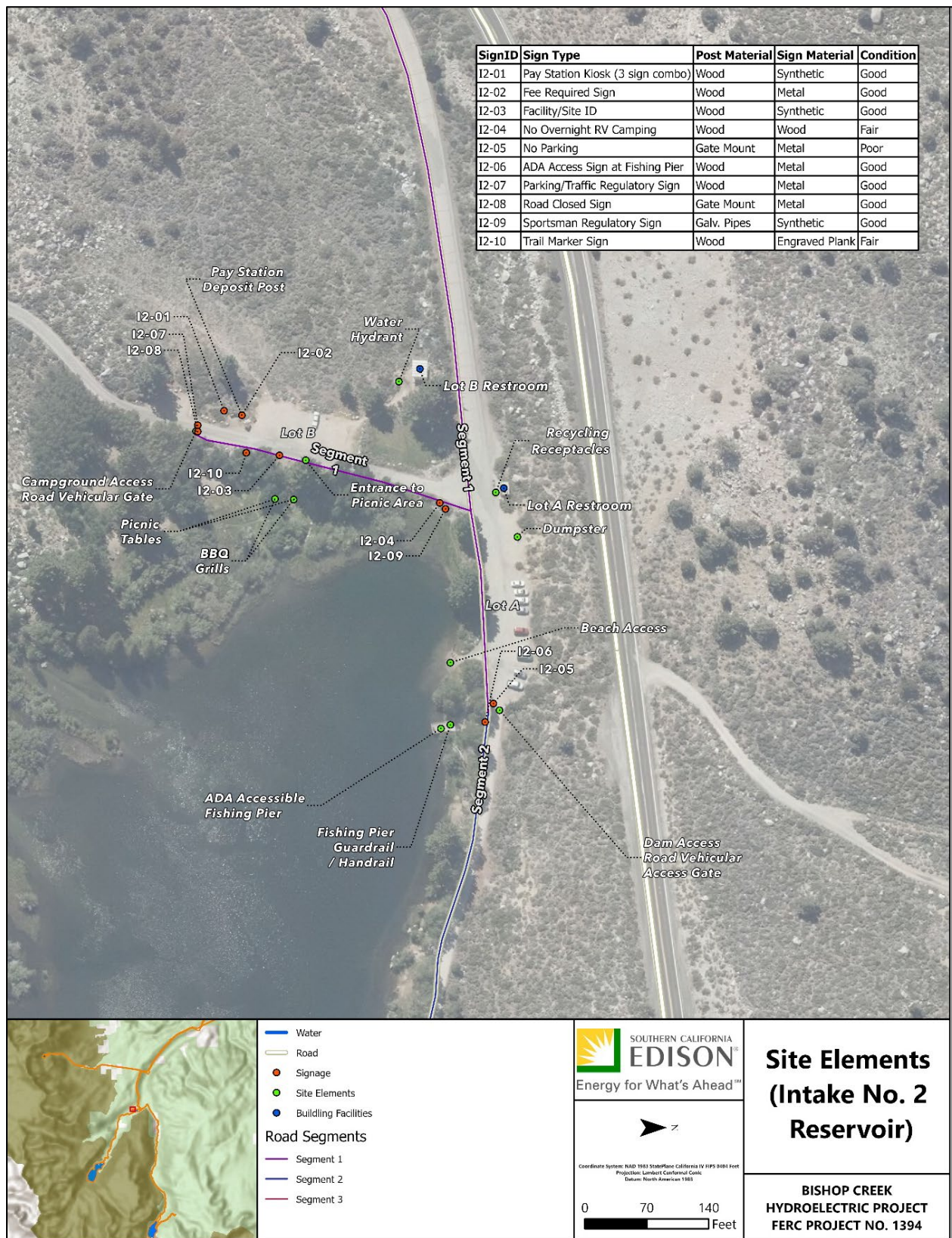


Figure 5.3-1 Intake No. 2 Reservoir Site Elements

### 5.3.2 FACILITY CONDITION ASSESSMENT

#### 5.3.2.1 Roads and Parking

The roads and parking facilities assessed at Intake No. 2 consist of asphalt paved access drives and earthen/gravel paved parking and access. Asphalt paved surfacing has been repaired numerous times with crack sealers and patches. The edges of the asphalt paved surfaces are eroded and irregular. An entire asphalt overlay should be considered when economically feasible.

The earthen/gravel paved surfaces for the access road and parking areas are in good condition overall. There are poor transitions between the asphalt and earthen/gravel paving that should be addressed.

**Table 5.3-1 Intake No. 2 Reservoir Recreation Area Access Roads**

Site	Surface Material	Road Width (ft)	Circulation Type	Condition
Road Segment 1 (CA-168 to Parking Lots A and B)	Asphalt	± 24 ft	2-way	Needs Replacement
Road Segment 2 (East end of Parking Lot A to Dam [mostly gate restricted access])	Earthen / Crushed Rock	± 20 ft	2-way	Good

**Table 5.3-2 Intake No. 2 Reservoir Recreation Area Parking**

Site	Sub-site	Parking with Striping	Parking without Striping (ft)	Surface	
				Material	Condition
Intake No. 2 Reservoir	Lot A <sup>a</sup>	n/a	± 24 ft x 200 ft (Room for approx. 20 head-in stalls)	Earthen / crushed rock	Needs Maintenance
	Lot B <sup>a</sup>	n/a	± 24 ft x 12 ft' (Room for approx. 12 head-in stalls)	Earthen / crushed rock	Needs Maintenance

### 5.3.2.2 Site Elements

Table 5.3-3 provides a detailed inventory of all elements assessed at this site. The BBQ grills appeared to be in fair/good condition. They were not located along accessible routes and they have been further assessed in the ADA assessment documentation located in Appendix E of this report. The water hydrant was inoperable and is not ADA accessible (Appendix F, Photo 88).

**Table 5.3-3 Intake No. 2 Reservoir Recreation Area Site Elements**

Site Element	Parameter	Assessment
<b>Intake 2</b>		
ADA Accessible Fishing Pier	Material(s)	Concrete Ramp and Wood Pier
	Condition	Good
Fishing Pier Guardrail / Handrail	Location	Surrounding Pier
	Material	Galv. Steel Tubing
	Condition	Needs Maintenance
Picnic Tables	No. of Structures	2
	Material(s)	Wood
	Condition	Needs Maintenance
Dam Access Road Vehicular Access Gate	Type	Single Swing
	Material	Painted Galvanized Steel
	Condition	Good
Campground Access Road Vehicular Gate	Type	Double Swing
	Material	Painted Galv. Steel
	Condition	Good
Recycling Receptacles	Quantity	1
	Type	Combo (3) compartment
	Material	Metal
	Condition	Good
Dumpster	Quantity	1
	Type	Bear proof
	Material	Metal
	Condition	Good
BBQ Grills	Quantity	2
	Material	Metal
	Condition	Good
Water Hydrant	Quantity	1
	Material	Painted Metal

	Condition	Needs Replacement
Pay Station Deposit Post	Quantity	1
	Material	Painted Metal
	Condition	Good

### 5.3.2.3 Site Buildings

The restroom located nearest to Parking Lot A is a pre-cast concrete structure consisting of a single occupancy pit toilet which is in good condition and is ADA compliant. The restroom nearest Parking Lot B was locked and signed as out of order. From visual analysis of the exterior, it consists of CMU block construction with a metal roof supported by wood framing. No formal structural assessment was conducted.

### 5.3.2.4 Signage and Wayfinding

There is a wide variety of sign types, styles and sizes. Many are standardized across the various Bishop Creek Facilities such as Facility Identification Signs and Regulatory Signs. Other signs are unique to the specific site at which they are installed. Another general observation during the site assessment is that the placement of the signs are somewhat sprawling throughout the site. Based on the assessment the following issues were identified and should be considered:

- Review current sign design standards for ADA compliance (letter sizes, contrast, color).
- Sign mounting heights, throughout the site, should be adjusted to meet the regulatory standards for each type, ADA compliance and general visibility.
- Regulatory signs that have been modified should be replaced. Some signs have had text added to them using non-retroreflective material that will not be visible at night.
- Standardized sign mounting systems and materials would add continuity to the overall signage system. Some are mounted on round timbers, others on square posts, and others on galvanized pipe frame systems. This would simplify maintenance and replacement efforts in the long term.
- Consider consolidating the placement of signs to reduce clutter and improve the aesthetic quality of the facility.

**Table 5.3-4 Signage at Intake No. 2 Recreation Area**

Sign Type	Material		Qty	Condition	Comments
	Posts	Sign			
Facility/Site ID	Wood	Synthetic	1	Good	Lower Intake 2 Campground
No Parking	Gate Mount	Metal	1	Poor	Located on Dam Access Gate
Road Closed	Gate Mount	Metal	1	Good	Located on Campground Access Gate
ADA Access Sign at Fishing Pier	Wood	Metal	1	Good	
Fee Required Sign	Wood	Metal	1	Good	
Pay Station Kiosk (3 sign combo)	Wood	Synthetic	1	Good	Adjacent to Campground Access Gate
Parking / Traffic Regulatory	Wood	Metal	1	Good	Adjacent to Campground Access Gate
Sportsman Regulatory	Galv. Pipes	Synthetic	1	Good	
No Overnight RV Camping	Wood	Wood	1	Fair	Needs to be repainted
Trail Marker	Wood	Engraved Plank	1	Fair	Weathered



### 5.3.2.5 Visual and Aesthetic Quality

The overall visual quality of the site is very nice by virtue of the natural surroundings. Aesthetics of the building facilities are somewhat dated but appear to be well maintained and consistent with current adopted standards. The main areas that have potential for improving the visual and aesthetic quality of the overall facility are:

- Upgrades to the signage system through more standardized graphics, mounting structures, and general placement and organization.
- Upgrade, replacement, and/or organization of site furnishings to include but limited to recycling and trash receptacles, dumpsters, food lockers.
- Additional plantings for buffering, screening, and enhancement.

### 5.3.2.6 Universal Accessibility

A detailed ADA accessibility checklist was completed for the site (Appendix E) which identifies the various non-compliance issues that should be addressed. The most significant deficiencies consist of a lack of accessible routes to the following amenities:

- Lake Shoreline / Beach Access
- Picnic Areas (Appendix F, Photo 89)
- Recycling / Trash Receptacles
- Water Hydrant
- Fee Deposit Post
- Restrooms
- Fishing Piers

### 5.3.2.7 Public Safety Measures

Based on a general assessment of potential public safety concerns, there were relatively few identified. Among them are the following:

- The accessible route from Parking Lots A and B to various site amenities is shared use with the access drive and parking lot drive aisles. Future considerations to reduce potential for pedestrian and vehicular conflicts should be considered, including strategic striping at crossings, detectable warning pavement (truncated domes), and/or separated pedestrian access routes.
- Repair eroded edges and sections of pathways and paved surfaces to alleviate tripping hazards and potential damage to vehicles. (Appendix F, Photo 90)

### 5.3.3 DISPERSED USE ASSESSMENT

As summarized in and depicted in Table 5.3-5, four distinct concentrations of dispersed use were observed at the Intake No. 2 Reservoir Recreation Area:

- Area A: Northern shoreline of the reservoir and Intake No. 2 Dam
- Area B: Day use area on western shoreline of the reservoir
- Area C: Use along Middle Fork Bishop Creek just upstream of its confluence with Intake No. 2 Reservoir
- Area D: Southeastern shoreline of the reservoir

Observations resulted in an estimate of approximately 5 potential campsites; 1.0 mile of user created trails; 61 visibly evident bank access points; and 0.7 mile of shoreline used for bank fishing or general recreation. Each area is described in more detail in the following sections.

**Table 5.3-5 Summary of Dispersed Use at Intake No. 2 Reservoir Recreation Area**

Area	Name	Potential Campsite	Fire Pit	User Created Trails (ft)	Visible Bank Access Point	Shoreline Generally Used for Boat/Bank Fishing (ft)
A	Northern Shoreline & Intake No. 2 Dam	n/a	n/a	n/a	22	1,344
B	Day Use Area	n/a	n/a	1,201	7	446
C	Middle Fork Bishop Creek	5	1	3,222	25	1,244
D	Southeastern Shoreline	n/a	n/a	1,062	7	690
<b>TOTAL</b>		<b>5</b>	<b>1</b>	<b>5,485</b>	<b>61</b>	<b>3,724</b>

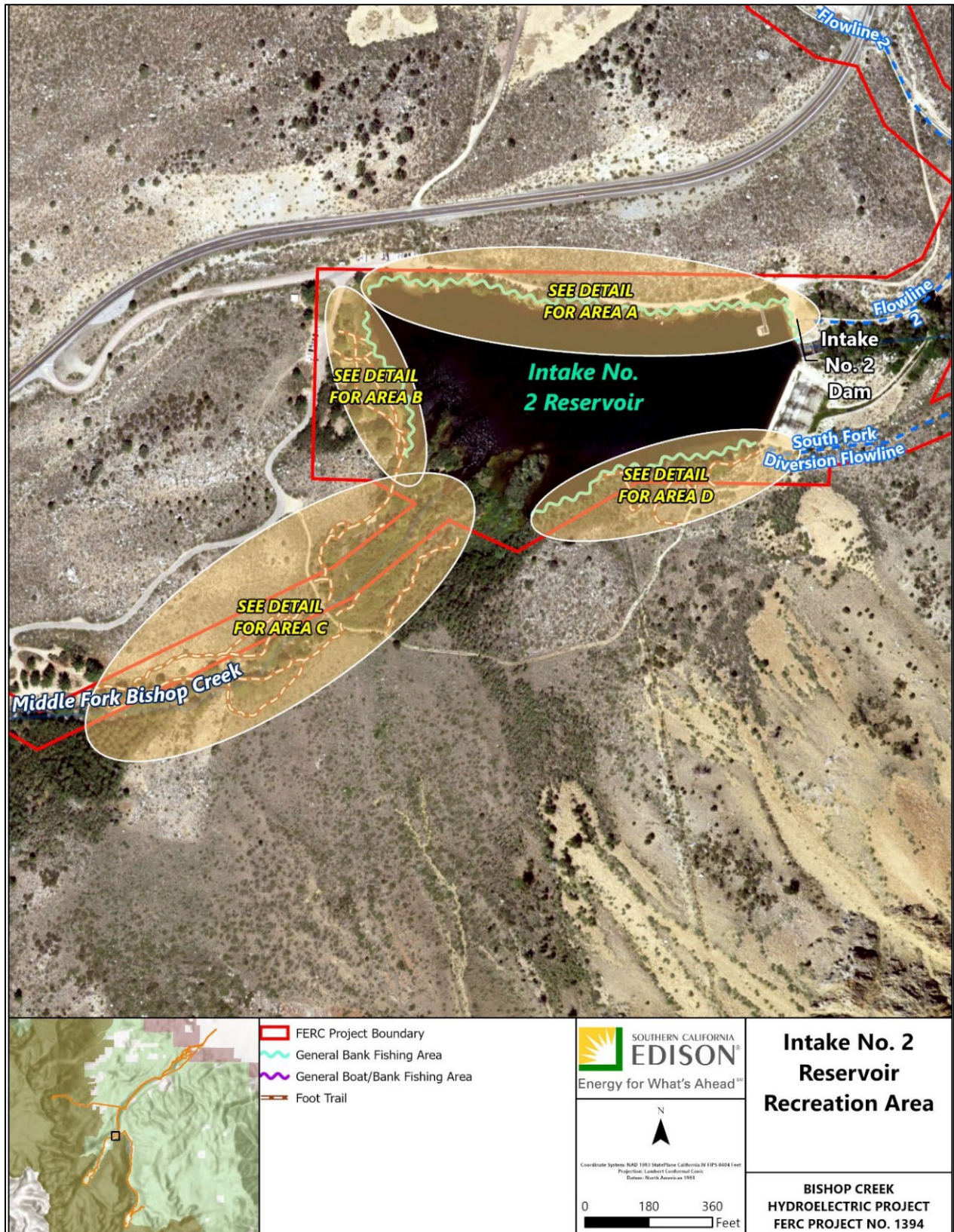


Figure 5.3-2 Overview of Dispersed Use at Intake No. 2 Reservoir Recreation Area

### 5.3.3.1 Area A: Northern Shoreline and Intake No. 2 Dam

As depicted on Figure 5.3-3, the northern shoreline of Intake No. 2 Reservoir and the Intake No. 2 Dam are popular for bank fishing and general access to the water. While the access road along the northern shoreline is gated to preclude public vehicle access to the dam facilities, the shoreline is open to public access by foot. Along the 1,344-foot stretch of shoreline, approximately 22 visibly worn access points to the reservoir were observed. All observations are wholly within the FERC Project boundary and on SCE lands. See Photos 91 through 97 in Appendix F for representative photos of Area A.

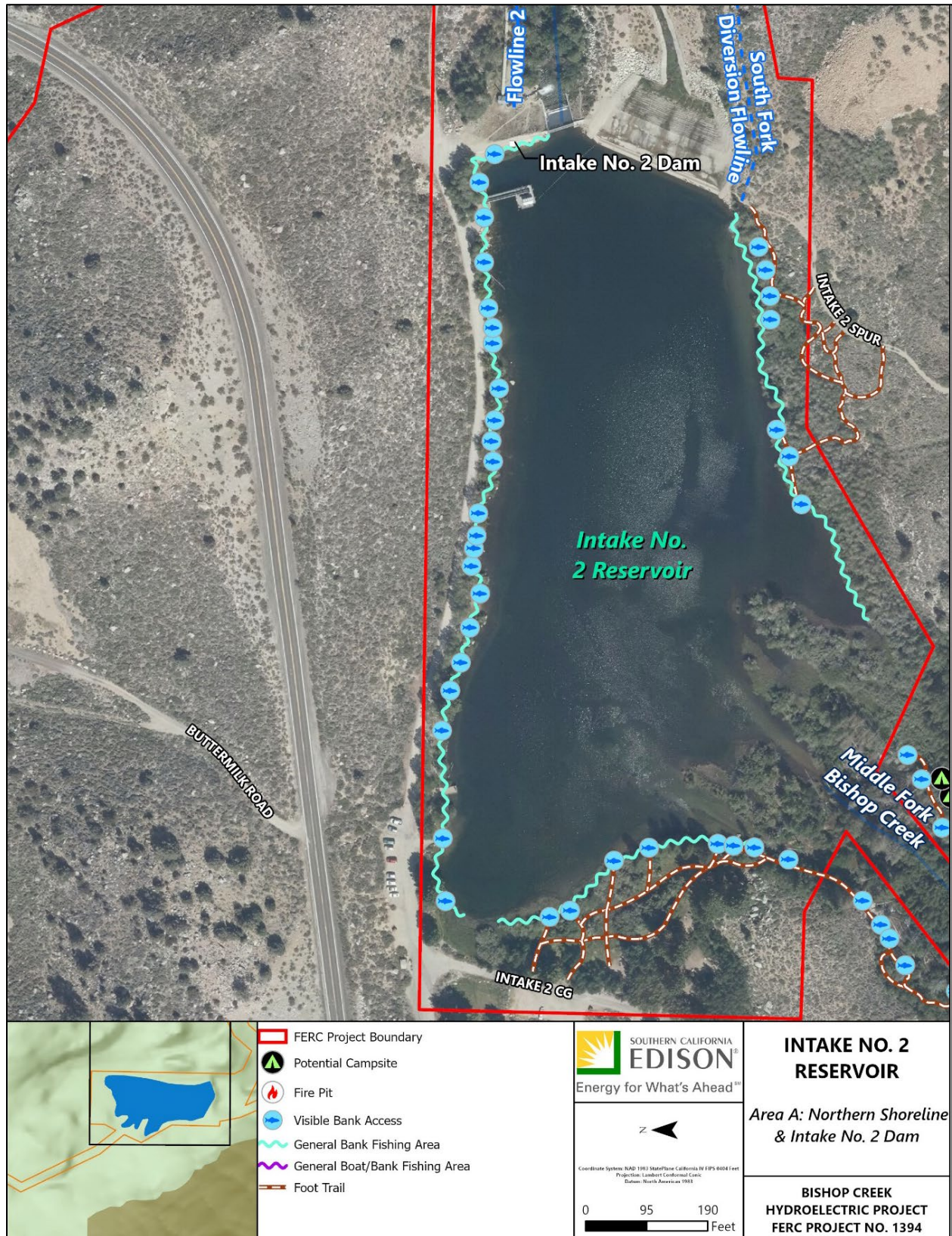
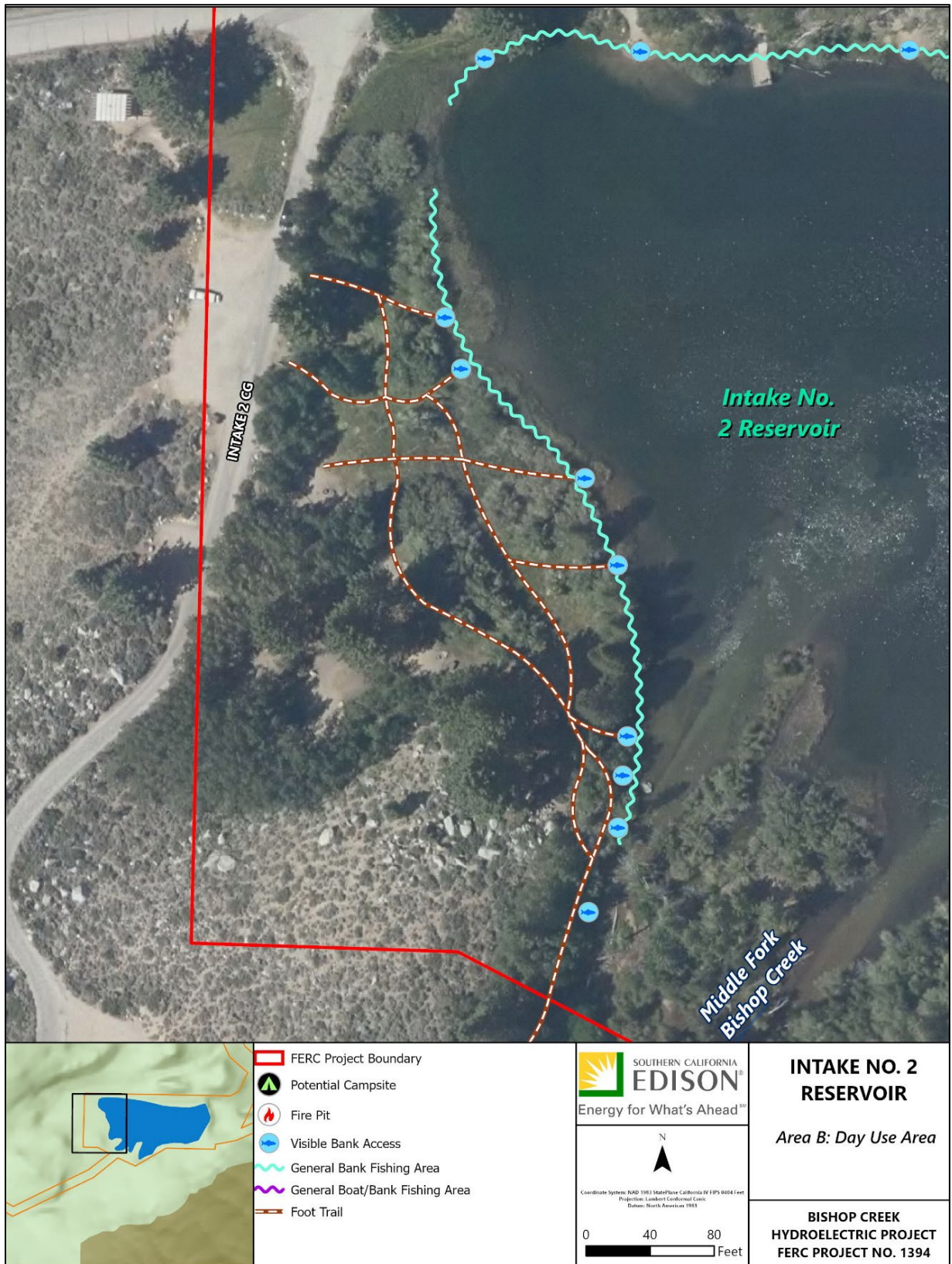


Figure 5.3-3 Detail Figure of Area A

### 5.3.3.2 Area B: Day Use Area

As depicted in Figure 5.3-4, access to the western shoreline of the reservoir at the day use area is popular for bank fishing and general access to the water. A network of approximately 1,201 feet of user-created foottrails leads between picnic areas and the shoreline, one of which appears to be commonly used as a kayak launching point. Along the 446-foot stretch of shoreline, approximately seven visibly worn access points to the reservoir were observed. All observations are wholly within the FERC Project boundary and on SCE lands. See Photos 98 through 100 in Appendix F for representative photos of Area B.



**Figure 5.3-4 Detail Figure of Area B**

### 5.3.3.3 Area C: Middle Fork Bishop Creek

As depicted in Figure 5.3-5 the approximately 1,244-foot reach of Middle Fork Bishop Creek between Intake No. 2 Reservoir and Intake No. 2 Campground is heavily used for general bank and fishing access on both sides of the creek. A network of approximately 3,222 feet of user-created foottrails leads along the creek and to approximately 25 access points to the creek. Five potential campsites were observed along this reach, including presumed use of the remnants of a chimney as a fire pit on the southern shore of the creek just before its confluence with the reservoir. All observations are wholly within the FERC Project boundary and on SCE lands. Activities observed are located wholly on the Inyo National Forest lands and partially within the current FERC Project boundary, which is intended to represent a 100-foot buffer (50 feet to each side of centerline) around the creek at this location. See Photos 101 through 107 in Appendix F for representative photos of Area C.



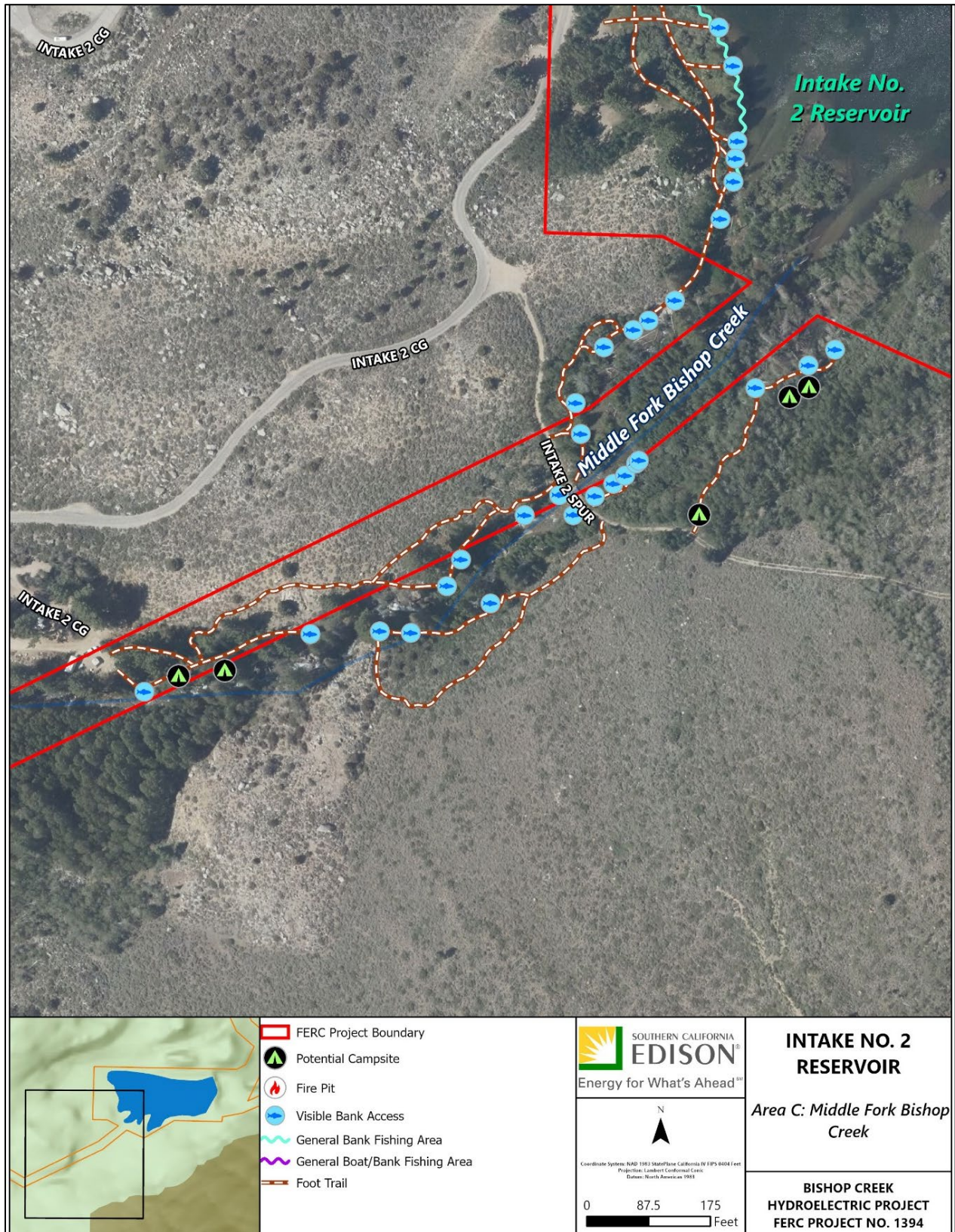
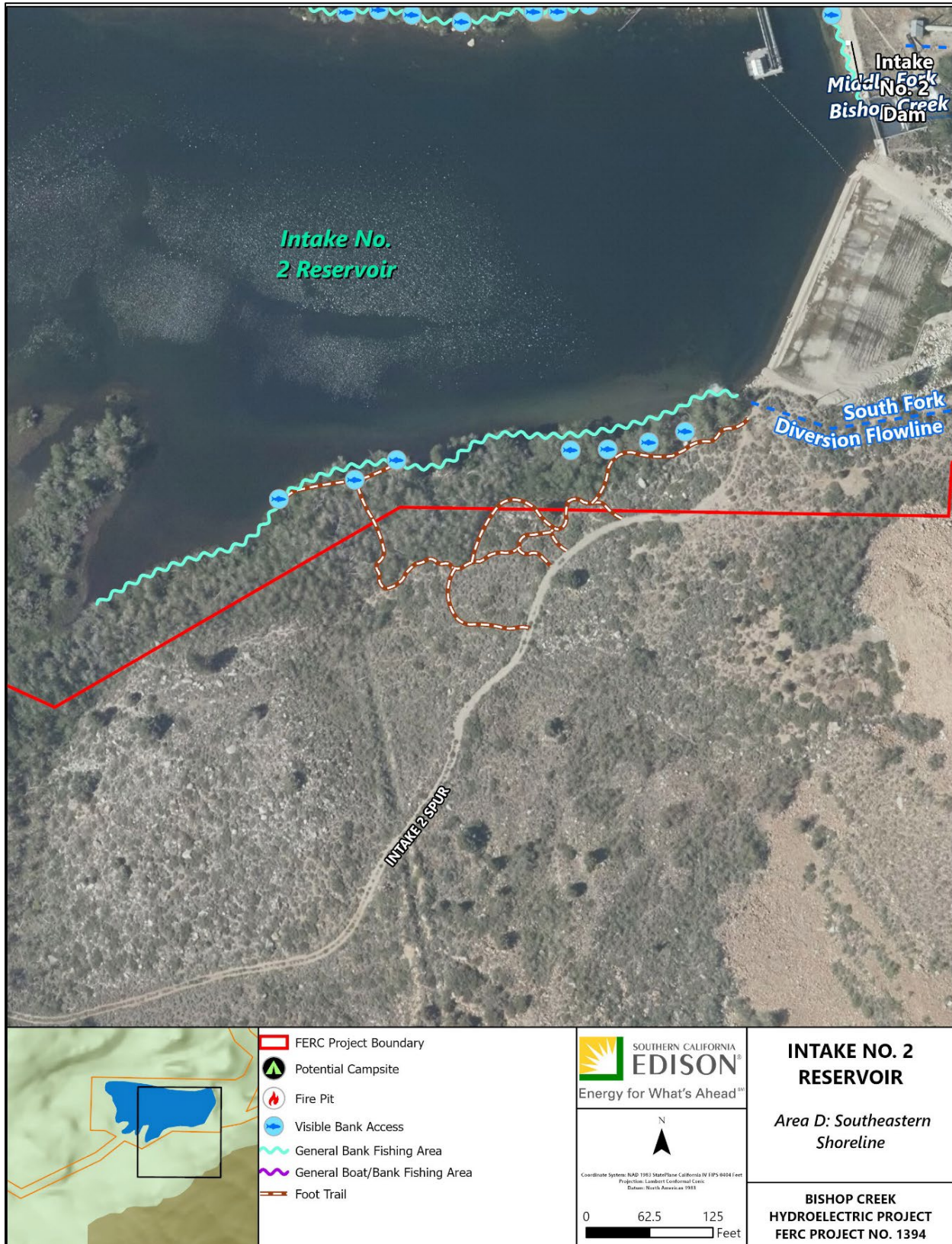


Figure 5.3-5 Detail Figure of Area C

#### 5.3.3.4 Area D: Southeastern Shoreline

As depicted in Figure 5.3-6, the southeastern shoreline of Intake No. 2 Reservoir is popular for bank fishing and general access to the water. The southeastern shoreline is generally accessed through a series of approximately 1,062 feet of user-created trails leading from the spur road that runs east to west to the south of the reservoir. Along the approximately 690-foot stretch of shoreline, approximately seven visibly worn access points to the reservoir were observed. Activities observed are located on both Inyo National Forest and SCE lands and partially within the current FERC Project boundary. See Photos 108 through 112 in Appendix F for representative photos of Area D.



**Figure 5.3-6 Detail Figure of Area D**

## **6.0 DISCUSSION**

The results of this study will inform where there are new recreation opportunities, new site development, or modification of existing recreation resources to address future Project facilities and operations, consistent with the Desired Conditions described in the Land Management Plan for the Inyo National Forest Service (USDA 2019), and then discussed with the TWG. The degree to which these potential modifications and enhancements (including dispersed use areas) are to be part of the proposed action for the new license will rely, in part, on the results of the Recreation Use and Needs (REC 1) study results, which will help describe the Project's recreation facilities. Table 6.1-1 provides a summary of notable findings within this report.

**Table 6.1-1 Summary of Notable Findings**

<b>Category</b>	<b>Lake Sabrina</b>	<b>South Lake</b>	<b>Intake No. 2</b>
<i>Roads and Parking</i>	<p>The majority of the paved surfaces were found to be in fair condition, with frequent cracks, areas of alligator cracking, eroding edges and occasional potholes.</p> <p>Both paved parking lots need re-striping and a minimum of two ADA accessible (with at least one van accessible)</p> <p>Parking stalls should be designed and designated in Parking Lot A.</p> <p>Day Use Parking Areas (earthen pull-offs described as Areas A - G) are all generally in need of maintenance.</p>	<p>All access roads and parking have been re-paved and striped since the completion of this field work and should be in good condition.</p>	<p>The roads and parking facilities assessed at Intake No. 2 consist of asphalt paved access drives and earthen/gravel paved parking and access. Asphalt paved surfacing has been repaired numerous times with crack sealers and patches. The edges of the asphalt paved surfaces are eroded and irregular. An entire asphalt overlay should be considered when economically feasible.</p> <p>The earthen/gravel paved surfaces for the access road and parking areas are in good condition overall, however transitions between the asphalt and earthen/gravel paving that should be addressed.</p>
<i>Site Elements</i>	<p>The movable, floating boat docks were in use but were not on an accessible route and, by nature of design, do not meet ADA accessibility compliance. The boat launch ramp was observed in use and was operable; however, the boat launch facility as designed does not provide ADA accessibility. The fish cleaning station was not operable and should be replaced with a facility meeting ADA accessibility criteria and relocated to an area with an accessible route.</p> <p>In summary, the portable boat slips/docks, fixed gangways, fish cleaning station, trash and recycling receptacles, and marina guardrails/handrails were noted as either needing repairs or replacement.</p>	<p>The movable floating boat docks were in use but were not on an accessible route and by nature of design do not meet ADA accessibility compliance. The boat launch facility, as designed, does not provide ADA accessibility.</p> <p>In summary, the picnic tables, stairs to launching pier, boat ramp vehicular access gate, and vehicular access gate at the trailhead were noted as either needing repairs or replacement.</p>	<p>BBQ grills were not located along accessible routes. Water hydrant was inoperable and was not ADA accessible.</p> <p>In summary, the fishing pier guardrail/handrail, picnic tables, and water hydrant were noted as either needing repairs or replacement.</p>

Category	Lake Sabrina	South Lake	Intake No. 2
<i>Site Buildings</i>	Buildings were noted as being in good condition.	<p>The Parking Lot C restroom is a pre-engineered CMU structure, on a slab with a standing seam metal roof. The restroom is somewhat dated and based on the ADA assessment, has deficiencies that should be addressed. The interior is in poor condition and needs repairs and maintenance upgrades.</p> <p>The South Lake Landing building was reviewed based on visual assessment of the exterior only. The roof consists of a very flat, sloped shed roof with composite shingles. It appears to be at the end or near end of lifespan. It is recommended that it be replaced soon. The ramp that accesses the deck is structurally in good condition; however, the transition from earthen path to the ramp is not flush with the edge of ramp and should be modified to accommodate ADA accessibility.</p>	Buildings were noted as being in good condition.
<i>Signage and Wayfinding</i>	<p>Current sign design standards should be reviewed for ADA compliance (letter sizes, contrast, color)</p> <p>Review sign mounting heights throughout the site to meet the regulatory standards for each type, ADA compliance, and general visibility. Several of the parking signs observed are mounted very low to the ground and are in conflict with some surrounding plant material.</p> <p>Regulatory signs that have been modified should be replaced. Some signs have had</p>	<p>Review current sign design standards for ADA compliance (letter sizes, contrast)</p> <p>Review sign mounting heights throughout the site to meet the regulatory standards for each type, ADA compliance and general visibility.</p> <p>Standardize the sign mounting system and materials used for the various informational signs to add continuity to the overall signage system. Some are mounted on round timbers, others on square posts, others on galvanized pipe frame systems.</p>	<p>Current sign design standards should be reviewed for ADA compliance (letter sizes, contrast)</p> <p>Review sign mounting heights throughout the site to meet the regulatory standards for each type, ADA compliance and general visibility.</p> <p>Regulatory signs that have been modified should be replaced. Some signs have had text added to them using non-reflective material that would not be visible at night.</p>

Category	Lake Sabrina	South Lake	Intake No. 2
	<p>text added to them using non-reflective material that is not be visible at night.</p> <p>The Lake Sabrina Launch Facility sign requires re-painting and maintenance.</p> <p>Standardize the sign mounting systems and materials used for the various informational signs for continuity to the overall signage system. Signs are mounted on round timbers, others on square posts, others on galvanized pipe frame systems. This would simplify maintenance and replacement efforts in the long term.</p> <p>Consolidate the placement of signs to reduce clutter and improve the aesthetic quality of the facility.</p>	<p>This will also simplify maintenance and replacement efforts in the long term.</p> <p>Consolidate the placement of signs to reduce clutter and improve the aesthetic quality of the facility.</p>	<p>Standardize the sign mounting systems and materials used for the various informational signs to help add continuity to the overall signage system. Some are mounted on round timbers, others on square posts, others on galvanized pipe frame systems. This will also simplify maintenance and replacement efforts in the long term.</p> <p>Consolidate the placement of signs to reduce clutter and improve the aesthetic quality of the facility.</p>
<i>Visual and Aesthetic Quality</i>	<p>Upgrade signage system to standardized graphics, mounting structures, and general placement and organization.</p> <p>Upgrade, replace, and/or organize site furnishings such as recycling and trash receptacles, dumpsters, and fish cleaning station.</p> <p>Add plantings for buffering, screening, and enhancement.</p>	<p>Upgrade signage system to standardized graphics, mounting structures, and general placement and organization.</p> <p>Upgrade, replace, and/or organize site furnishings such as recycling and trash receptacles, dumpsters, and food lockers.</p> <p>Add plantings for buffering, screening, and enhancement.</p>	<p>Upgrade signage system to standardized graphics, mounting structures, and general placement and organization.</p> <p>Upgrades, replace, and/or organize site furnishings such as recycling and trash receptacles, dumpsters, and food lockers.</p> <p>Add plantings for buffering, screening, and enhancement.</p>
<i>Universal Accessibility</i>	<p>The most significant non-compliance issues consist of a lack of accessible routes to the following amenities: lake shoreline / beach access, boat launch, boat docks, recycling / trash receptacles, viewing areas/overlook at dam, fish cleaning station, trailheads/trails,</p>	<p>The most significant non-compliance issues consist of a lack of accessible routes to the following amenities: lake shoreline / beach access, south lake landing building, boat launch, boat docks, recycling / trash</p>	<p>The most significant non-compliance issues consist of a lack of accessible routes to the following amenities: lake shoreline / beach access, picnic areas, recycling / trash receptacles, water hydrant, fee deposit post, restrooms, and fishing piers.</p>

Category	Lake Sabrina	South Lake	Intake No. 2
	<p>and ADA accessible parking (no designated spaces).</p> <p>Modify other site amenities, added, or replaced to make them ADA compliant, including: fish cleaning station, recycling / trash receptacles, ADA parking spaces and signage, and tactile signage at the restroom.</p>	<p>receptacles, picnic tables, and trailheads/trails.</p>	
<p><i>Public Safety Measures</i></p>	<p>The pathway along the crest of the dam has very steep slopes on both edges of the pathway. The lake side of the pathway is protected by a continuous guardrail system. The opposite edge of the pathway is currently unprotected. There are remnants of a past fence or rail system that was removed. A new edge treatment should be considered (railing, cable fence, curb rail, plantings, boulders or other) to better define the edge and reduce the public risk.</p> <p>The accessible route from the Marina Parking Lot A to various site amenities is shared use with the access drive and parking lot drive aisles. Future considerations to reduce potential for pedestrian and vehicular conflicts should be considered, including strategic striping at crossings, detectable warning pavement (truncated domes), and/or separated pedestrian access routes.</p> <p>Repair eroded edges and sections of pathways, roadways and parking areas to alleviate tripping hazards and potential damage to vehicles.</p>	<p>The stairs to the launching pier are in poor condition and pose safety hazards. The stairs should be rebuilt. Handrail is needed.</p> <p>Repair eroded edges and sections of pathways and paved surfaces to alleviate tripping hazards and potential damage to vehicles.</p>	<p>The accessible route from Parking Lots A and B to various site amenities is shared use with the access drive and parking lot drive aisles. Future considerations to reduce potential for pedestrian and vehicular conflicts should be considered, including strategic striping at crossings, detectable warning pavement (truncated domes), and/or separated pedestrian access routes.</p> <p>Repair eroded edges and sections of pathways and paved surfaces to alleviate tripping hazards and potential damage to vehicles.</p>



Category	Lake Sabrina	South Lake	Intake No. 2
<i>Dispersed Use</i>	<p>Observations resulted in an estimate of approximately 47 potential campsites; 6 fire pits; 2.0 miles of user created trails; 20 visibly evident bank access points; and 1.3 miles of shoreline used for bank fishing or general recreation.</p> <p>Notable observations include:</p> <ul style="list-style-type: none"> <li>• Heavy access for bank fishing to the impounded water upstream of the weir and below the dam.</li> <li>• A user-created trail (Inlet Trail) that extends from the marina to the Middle Fork Bishop Creek Inlet. Bank fishing is very common for much of this trail. Portions of the trail pass through the John Muir Wilderness.</li> <li>• Heavy day use and evidence of overnight camping at the peninsula on the western shores and near the center of the lake. Access to this peninsula is largely by use of the Inlet Trail.</li> <li>• Heavy day use and evidence of overnight camping at the south end of the lake, near the inlet. Activities are within the John Muir Wilderness.</li> </ul>	<p>Observations resulted in an estimate of approximately 82 potential campsites; 20 fire pits; 1.9 miles of user created trails; and 1.0 miles of shoreline used for bank fishing or general recreation.</p> <p>Notable observations include:</p> <ul style="list-style-type: none"> <li>• Apparent use of the Green Creek Diversion pipeline as a hiking trail rather than the USFS Baker Summit Trail located further north to access wilderness areas to the east. A trail counter was installed along the pipeline as part of the ongoing REC 1 study.</li> <li>• Evidence of overnight camping along the ridges above the main recreation area.</li> <li>• Heavy day use and evidence of overnight camping at various locations at the south end of the lake, including the island. Many of these locations are within the John Muir Wilderness.</li> </ul>	<p>Observations resulted in an estimate of approximately 5 potential campsites; 1.0 miles of user created trails; 61 visibly evident bank access points; and 0.7 miles of shoreline used for bank fishing or general recreation.</p> <p>Notable observations include:</p> <ul style="list-style-type: none"> <li>• Heavy day use and bank access for fishing along most of the shoreline.</li> <li>• Heavy day use and potential overnight camping along Middle Fork Bishop Creek before it enters Intake No. 2 Reservoir.</li> </ul>

## 7.0 CONSULTATION SUMMARY

SCE distributed periodic progress reports on the following schedule:

- Progress Report 1: December 19, 2019
- Progress Report 2: April 14, 2020
- Progress Report 3: July 24, 2020
- Initial Study Report (Progress Report 4): October 30, 2020
- Initial Study Meeting: November 10, 2020
- Progress Report 1: March 2, 2021
- Progress Report 2: May 28, 2021
- Progress Report 3: August 27, 2021
- Updated Study Report Filing: November 4, 2021
- Updated Study Report Meeting: November 18, 2021

The Initial Study Report (ISR) was filed with FERC on October 30, 2020 and a virtual ISR Meeting was held on November 10, 2020. Three progress reports were filed in 2021 after the ISR, as identified above. This Final Technical Report was submitted to agencies and stakeholders for a 60-day review period on November 5, 2021. Comments received on this report are shown in Table 7.1-2.

SCE held a Project Effects meeting on October 28, 2021 for all stakeholders and agencies to discuss what project effects (if any) had been identified through the implementation of each of the approved study plans.

The Updated Study Report (USR) was filed with FERC on November 4, 2021, and a USR Meeting was held on November 18, 2021. At this meeting, SCE only discussed those studies which were still in progress at the time of the ISR (Water Quality, Sediment and Geomorphology, Operations Model, Recreation Use and Needs, Recreation Facilities Condition Assessment, Project Lands and Boundary, and Cultural and Tribal Studies). Comments received at this meeting regarding the Recreation Facilities Condition Assessment are included in Table 5.3-2 below.

A meeting was held with USFS on December 7, 2021 to discuss comments received on this report as well as SCE's draft responses to them.

A summary of correspondence since the Revised Study Plans were filed for REC 1 and REC 2 study plans are provided in Table 7.1-1. A summary of all comments received and SCE's responses to those comments are provided in Table 7.1-2.

**Table 7.1-1 Consultation Since Filing of REC 2 Revised Study Plan**

Date of Consultation	Entities Involved	Description
July 7, 2020 (Email to USFS)	Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Matthew Harper, Kleinschmidt Bryan Cole, MacKay Sposito	Email regarding upcoming REC 2 fieldwork and requesting conference call.
July 7, 2020 (Emails with USFS)	Diana Pietrasanta, USFS Sheila Irons, USFS Nora Gamino, USFS Matthew Harper, Kleinschmidt	Emails regarding upcoming REC 2 fieldwork.
January 27, 2021 (Email to USFS)	Nora Gamino, USFS Matthew Harper, Kleinschmidt	Email requesting past operation and maintenance cost data for use in an O&M Economics Assessment of the facilities associated with the three recreation areas.
January 28, 2021 (Email from USFS)	Nora Gamino, USFS Matthew Harper, Kleinschmidt	Email suggesting we reach out to Adam Barnett and stating that what past operation and maintenance data exists would not truly reflect actual costs due to a lack of funding in the area.
February 1, 2021 (Emails with USFS)	Nora Gamino, USFS Adam Barnett, USFS Matthew Harper, Kleinschmidt	Emails discussing general breakdown of operational costs and identifying areas where detailed information may be provided.
July 9, 2021 (Email to USFS)	Nora Gamino, USFS Adam Barnett, USFS Matthew Harper, Kleinschmidt	Follow up email regarding past operation and maintenance cost data.
September 30, 2021 (Email to USFS)	Nora Gamino, USFS Adam Barnett, USFS Matthew Harper, Kleinschmidt	Follow up email regarding past operation and maintenance cost data.

**Table 7.1-2 Comment Response Table**

<b>Comment Number</b>	<b>Study</b>	<b>Date of Comment</b>	<b>Entity</b>	<b>Comments</b>	<b>SCE Response</b>
1	REC 2	December 1, 2021	USFS	Still need O&M cost included. Toilet pumping, cleaning, dumpsters, patrol, maintenance, OHV route maintenance, trail maintenance, wilderness ranger patrol, LEO, engineering. AB provided personnel daily rate info to Matt Harper.	<p>Thank you for providing daily rate information for USFS personnel in the area. These data are necessary to meet the intent of the study plan; we have sent by email separately a suggested course of action for the following:</p> <ol style="list-style-type: none"> <li>1. Propose that the FS provide contact information for the vendor and broker an introduction so that we can develop information about activities at the lakes</li> <li>2. The FS has previously stated that information is available on costs for trash service, toilet cleaning contracts, and toilet pumping contract. Please provide a contact at the FS who can provide this information.</li> <li>3. We also understand that cost/mile estimates for trail maintenance on an annual basis is known. Please provide.</li> <li>4. For daily operational staffing please provide the estimated number of hours at each facility for each of the staff categories referenced in your November 18 email.</li> <li>5. Could the FS further describe or quantify the deferred maintenance at each of the facilities in question?</li> <li>6. Any historic information on costs and period of repairs to structures and roads or maintenance schedule would be useful</li> </ol> <p>This comment is addressed in Section 8.9 of Exhibit E of the Draft License Application (DLA).</p>
2	REC 2	December 1, 2021	USFS	What is done with the Rec2 condition assessment findings?	Results of the REC 2 study will be used to facilitate discussions related to potential improvements, repairs, maintenance, and/or management of recreation facilities and activities induced by the Project.

					This comment is addressed in Section 8.9 of Exhibit E of the DLA.
3	REC 2	December 1, 2021	USFS	What is done with dispersed recreation findings? – no dispersed camping allowed outside of wilderness and CGs	<p>An assessment of dispersed use at the Project reservoirs was conducted at the request of the USFS to assess the need to formalize or reclaim/manage (due to environmental concerns) dispersed or informal use areas, namely those in conflict with current Inyo National Forest or wilderness restrictions.</p> <p>This comment is addressed in Section 8.9 of Exhibit E of the DLA.</p>
4	REC 2	December 1, 2021	USFS	Add plantings for buffering, screening, and enhancement – where/what? Needs detail	<p>This comment is addressed in Section 8.9 of Exhibit E of the DLA.</p> <p>The intent of additional plantings is to increase aesthetic or visual quality of recreation areas. The Recreation Resources Management Plan includes employing a landscape architect to review these options. All potential site improvements would be developed with the USFS following license issuance.</p>

## 8.0 REFERENCES

- United States Forest Service (USFS). 2019. Land Management Plan for the Inyo National Forest. Fresno, Inyo, Madera, Mono and Tulare Counties, California; Esmeralda and Mineral Counties, Nevada. R5-MB-323a. Pacific Southwest Region. September. Accessed: August 24, 2020. Available online: [https://www.fs.usda.gov/Internet/FSE\\_DOCUMENTS/fseprd664404.pdf](https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/fseprd664404.pdf).
- United States Forest Service (USFS). 2013. Inyo National Forest Alternative Transportation System Study. United States Department of Agriculture.

**APPENDIX A**

**LAKE SABRINA DAY USE PARKING NODES INVENTORY CHECKLIST**

**APPENDIX B**  
**LAKE SABRINA ADA COMPLIANCE CHECKLIST**



## **APPENDIX C**

### **SOUTH LAKE LAUNCHING FACILITY FSORAG COMPLIANCE CHECKLIST**

**APPENDIX DSOUTH**  
**LAKE TRAILHEAD COMPLIANCE CHECKLIST**

**APPENDIX E**  
**INTAKE NO. 2 COMPLIANCE CHECKLIST**

## **APPENDIX F**

### **LIST OF PHOTOS**

# **SOUTHERN CALIFORNIA EDISON**

## **Bishop Creek Hydroelectric Project (FERC Project No. 1394)**

# **FINAL TECHNICAL MEMORANDUM BISHOP CREEK PROJECT BOUNDARY LANDS AND ROADS STUDY (LANDS1)**

Southern California Edison  
1515 Walnut Grove Ave  
Rosemead, CA 91770

June 2022

*Support from:*

***Kleinschmidt***

# MEMORANDUM

**To:** US Forest Service  
**FROM:** Southern California Edison Bishop Creek Relicensing Team  
**DATE:** June 2022  
**RE:** Project Boundary and Lands Study

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## 1.0 INTRODUCTION

This memorandum summarizes the results of the Lands (LAND 1) Study Plan (Study Plan) for the Bishop Creek Hydroelectric Project (Bishop Creek Project) Federal Energy Regulatory Commission (FERC) Project No. 1394-080. The Bishop Creek Project is located along Bishop Creek southwest of the city of Bishop, Inyo County, California. During Technical Workgroup (TWG) meetings, stakeholders identified the need to conduct a study to evaluate modifications to the Project boundary to account for future operation and maintenance (O&M) of Project facilities. The Study Plan detailed Southern California Edison's (SCE) proposal for study objectives, study area, methods, and the schedule for the LAND 1 study.

According to FERC requirements (18 Code of Federal Regulation [CFR] §4.41), the Project boundary must encompass all lands necessary for Project purposes, including the O&M of the Project over the term of the FERC license. FERC further requires (18 CFR §11.2) that a licensee recompense the United States for the use, occupancy and enjoyment of its lands or its property. The annual charge for such use of government lands is calculated, in part, based on the amount of federal acreage within the Project boundary, and therefore a distinction must be made between federal and non-federal lands when filing a Project boundary and associated data. Therefore, this study sought to ensure that an accurate representation of both the Project boundary and land classification be presented in SCE's final license application (FLA).

SCE has been researching land ownership based on historical data files and have noted certain incongruencies between SCE records, land ownership data maintained by Inyo County, and master title plats maintained by the BLM in the public lands survey system. (Sheila Irons, personal communication, 2022). SCE will work to resolve these issues concurrent with discussions on recreation management planning with the U.S. Forest Service (USFS) or affect landowners as appropriate.

The primary intent of this memorandum is to summarize LAND 1 study results and SCE's proposed changes to its Project boundary, lands, roads, and trails. An initial memorandum was distributed to stakeholders on October 6, 2021, for a 60-day review period and filed with FERC in the Updated Study Report on November 3, 2021. The primary purpose of the October 6, 2021 memorandum was to provide a summary of potential proposed additions to Project lands that may be under federal ownership, particularly USFS lands. On December 3, 2021, the USFS provided comments on the October 6, 2021 memorandum, which are addressed in Section 5.0. The remainder of this memorandum will generally describe all proposed changes to the current Project

boundary, including any addition or removal of Project lands and also included is a list of proposed Project roads and trails.

## 2.0 STUDY GOALS AND OBJECTIVES

The goal of the study was to assess potential modifications to the Project boundary to account for future O&M of Project facilities. To meet this goal, the approved study had the following objectives:

- Review the current Project boundary for accuracy and propose adjustments, as appropriate
- Confirm base ownership of Project lands in terms of title, easements, and other jurisdictional overlays
- Assess the Project area for roads used predominantly for Project purposes
- Assess the Project area for ancillary and unintended uses arising from authorized Project activities
- Determine if certain Project facilities will be removed or abandoned under the term of the next license, and how the facilities will be treated, consistent with relevant management plans and objectives, including the Land Management Plan for the Inyo National Forest (USDA, 2018).

The detailed scope of this study is outlined in the LAND 1 Study Plan, approved by FERC as part of the Study Plan Determination on November 4, 2019.



### 3.0 METHODS

To ensure that the Bishop Creek Project boundary conforms with 18 CFR 4.41 (Exhibit G) requirements, the following methods were implemented to assess the current Project:

- *Assess the current Project boundary for accuracy*
  - Compile Project boundary geographic information system (GIS) data and Exhibit G drawings which were filed with and approved by FERC as part of the current license
  - Analyze current boundary and adjacent lands within GIS software to determine any mapping errors, omissions, or potential removal or addition of lands to the future Project boundary
- *Assess current Project lands ownership information*
  - Gather accurate land ownership data for all lands currently within or adjacent to the Project boundary
  - Ensure that Project lands are correctly distinguished within applicable GIS layers as federal and non-federal lands and further broken down by USFS and Bureau of Land Management (BLM) lands
- *Assess Project area to identify roads currently used or proposed to be used predominantly for Project purposes, such as O&M or access to Project recreation*
  - Obtain most recent GIS data of USFS roads
  - Identify roads currently used predominantly for Project purposes, such as O&M or recreation access within the Project boundary

Methods included consultation with USFS, BLM, and/or other landowners as needed to determine if other Project-related resource areas should be removed or included in the Project boundary. Results of other studies conducted as part of this relicensing were reviewed for potential modifications to the Project boundary.

## 4.0 RESULTS

### 4.1 PROPOSED CHANGES TO PROJECT LANDS

Based on a review of available data, conversations with SCE staff, and feedback from stakeholders, a list of proposed changes to the current Project boundary was developed. Proposed changes are primarily related to ensuring that all current Bishop Creek Project operations and facilities are adequately encompassed, including current and proposed Project roads and trails. A number of minor changes/mapping corrections to the Project boundary were made based on improved accuracy of available data. Examples of mapping corrections include improved centerlines and buffers for roads, flowlines, creeks, or transmission lines that are contemplated in the Project boundary but not accurately represented in the GIS data. These minor changes/mapping corrections are not listed in the tables below and generally include the following:

- Re-digitization (based on aerial imagery) and buffering of creek centerlines where a free-flowing portion of the creek is within the Project boundary. This process was conducted for Middle Fork Bishop Creek from Sabrina Dam to Intake No. 2 Reservoir; South Fork Bishop Creek from Hillside Dam to South Fork Diversion; and Birch Creek from McGee Creek Diversion Pipeline to Birch-McGee Diversion.
- Re-digitization (based on aerial imagery) and buffering of access road centerlines noted as Project roads on current Exhibit G drawings. The majority of these existing Project roads are below Plant 3.
- Re-digitization (based on aerial imagery) and buffering of Project transmission lines.

This memorandum focuses on those proposed changes to Project lands for features that are either not currently identified in the Project license (addition) or no longer needed for Project purposes (removal), as well as instances where the current boundary does not adequately encompass current Project features. Table 4-1 (operations/facilities), Table 4-2 (Project roads), and Table 4-3 (Project trails) provides a summary of the proposed boundary change currently under consideration by the Relicensing Team. For each proposed change, a unique identification (ID), which corresponds to the title of a map in Appendix A, a brief description, suggested action, and the reason for the proposed change to the Project boundary is provided, if applicable. It is recommended that each table be reviewed in conjunction with its corresponding figure in Appendix A.

A Project Roads Inventory associated with the Project description is available. For example, if the proposed change includes adding the road to the roads inventory in Table 4-2, it simply means that the road is used primarily for Project-related activities and will be described thusly in the Project description. These roads are often already in the FERC Project boundary, and for those outside the boundary, it has been noted.

Section 4.1 only discusses potential addition or removal of Project lands, so as it pertains to Project roads and trails, there are more Project roads and trails being proposed than is provided in this section since many of those roads and trails are in the

current Project boundary. A complete list of proposed Project roads and trails is provided in Section 4.2.

**Table 4-1 Proposed Boundary Changes Related to Operations/Facilities**

ID	Description	Proposed Action	Reason for Proposed Boundary Change
Operations/ Facilities – 1	Lands adjacent to Intake No. 6 are currently used for spoils/staging and are not included in the Project boundary.	Add lands to the boundary. This addition encompasses lands currently owned by SCE and would not require additional landowner approvals.	Addition of Project lands currently in use by Project operations.
Operations/ Facilities – 2	The current Project boundary does not fully encompass all facilities associated with Plant 4 on USFS lands.	Obtain approval from USFS and add lands to the boundary.	Addition of Project lands (Project operations).
Operations/ Facilities – 3	The current Project boundary does not fully encompass all lands used for spoils in the "donut" between access roads and buffers to penstocks on USFS lands.	Obtain approval from USFS and add lands to the boundary.	Addition of Project lands (Project operations).
Operations/ Facilities - 4	USFS lands adjacent to Flowline 3 are currently used a for spoils/staging and are not included in the Project boundary.	Obtain approval from USFS and add lands to the boundary.	Addition of Project lands (Project operations).
Operations/ Facilities - 5	Plant No. 6 tailrace facilities are not fully encompassed in the current Project boundary.	Add lands to the Project boundary. This addition encompasses lands currently owned by SCE and would not require additional landowner approvals. Facilities are existing Project features that were intended to be within the boundary already.	Addition of Project lands (Project operations).
Operations/ Facilities - 6	Footprints for company housing for hydro employees are inaccurately drawn.	Redraw building footprints according to more accurate mapping methods and information.	Improve Accuracy of Current Boundary (Project operations).
Operations/ Facilities - 7	Current leech field and septic system are not entirely within the Project boundary.	Add lands to the boundary. This addition encompasses lands currently owned by SCE and would not require additional landowner approvals. Facilities are existing Project features that were intended to be within the boundary already.	Addition of Project lands (Project operations).
Operations/ Facilities - 8	Footprint of current laydown area is not entirely within the Project boundary.	Add lands to the boundary. This addition encompasses lands currently owned by SCE and would not require additional landowner approvals. Facilities are existing Project features that were intended to be within the boundary already.	Addition of Project lands (Project operations).

ID	Description	Proposed Action	Reason for Proposed Boundary Change
Operations/ Facilities - 9	The weir and gage below Plant No. 3 are not entirely within the Project boundary.	Add lands to the boundary. This addition encompasses lands currently owned by SCE and would not require additional landowner approvals. Facilities are existing Project features that were intended to be within the boundary already.	Addition of Project lands (Project operations).
Operations/ Facilities - 10	The 20-foot diameter boundary around the Project gage in Forks Campground is included in current Exhibit G drawings but that boundary was mistakenly excluded from the GIS data filed with FERC.	Add lands to the boundary. This addition encompasses lands currently owned by the USFS but that were already contemplated as part of the Project boundary, as shown on current Exhibit G drawings. Thus, additional landowner approvals are likely not needed.	Addition of Project lands (Project operations).
Operations/ Facilities - 11	Weather station equipment below Sabrina Dam is not fully encompassed in the Project boundary.	Obtain approval from USFS and add lands to the boundary.	Addition of Project lands (Project operations).
Operations/ Facilities - 12	The 20-foot diameter boundary around the Project gage along Abeluer Ditch is included in current Exhibit G drawings but that boundary was mistakenly excluded from the GIS data filed with FERC.	Add lands to the boundary. This addition encompasses lands currently owned by LADWP but that were already contemplated as part of the Project boundary, as shown on current Exhibit G drawings. Thus, additional landowner approvals are likely not needed.	Addition of Project lands (Project operations).
Operations/ Facilities - 13	Current Project boundary follows historic route of Green Creek Diversion Pipeline and needs to be adjusted.	The Green Creek Diversion Pipeline historically extended to South Lake within the route shown in the current Project boundary. The pipeline now ceases just north of the upper parking lot and flow follows a natural water course (ditch) along the eastern edge of the parking lot until reaching South Lake. The buffer around approximately 1,000 feet of the historic pipeline route will be removed. A new buffer will be added around the natural water course (ditch). The old buffer is partially on USFS lands. Obtain approval from USFS and remove lands from the boundary.	Removal of Project lands (Project operations).
Operations/ Facilities - 14	Current Project boundary follows historic route of Green Creek Diversion Pipeline and needs to be adjusted.	The Green Creek Diversion Pipeline historically extended to South Lake within the route shown in the current Project boundary. The pipeline now ceases	Addition of Project lands (Project operations)

ID	Description	Proposed Action	Reason for Proposed Boundary Change
		just north of the upper parking lot and flow follows a natural water course (ditch) along the eastern edge of the parking lot until reaching South Lake. The buffer around approximately 1,000 feet of the historic pipeline route will be removed. A new buffer will be added around the natural water course (ditch). The new buffer is partially on USFS lands. Obtain approval from USFS and add lands to the boundary.	

**Table 4-2 Proposed Boundary Changes Related to Project Roads and / or to the Project Roads Inventory**

ID	Description	Proposed Action	Reason for Proposed Boundary Change
Road - 1	An access road to the north side of Plant No. 5 is not currently within the Project boundary or listed as an official Project road.	Add to Project boundary and Project roads inventory. This addition encompasses lands currently owned by SCE and would not require additional landowner approvals.	Addition of Project lands (Project roads).
Road - 2	An access road to the southeastern end of Intake No. 6 is not currently within the Project boundary or listed as an official Project road.	Add to Project boundary and Project roads inventory. This addition encompasses lands currently owned by SCE and would not require additional landowner approvals.	Addition of Project lands (Project roads).
Road - 3	A USFS road providing access to the cell phone repeater is not currently within the Project boundary.	Obtain approval from USFS and add road buffer to the boundary.	Addition of Project lands (Project roads).
Road - 4	An access road providing access along Plant No. 4 Penstocks is mostly within the Project boundary but not fully encompassed. The road is not listed as an official Project road.	Add to Project boundary and Project roads inventory. This addition encompasses lands currently owned by SCE and would not require additional landowner approvals.	Addition of Project lands (Project roads).
Road - 5	An access road providing access to the south end of Intake No. 4 is partially within the Project boundary but not fully encompassed. It is also not listed as an official Project road.	Add to Project boundary and Project roads inventory. This addition encompasses lands currently owned by SCE and would not require additional landowner approvals.	Addition of Project lands (Project roads).
Road - 6	An access road to the western end of Plant No. 3 facilities is not currently within the Project boundary or listed as an official Project road.	This addition includes both SCE and USFS lands. Consult with USFS and add to Project boundary and Project roads inventory.	Addition of Project lands (Project roads).
Road - 7	An access road from Buttermilk Road to Birch-McGee Diversion is partially within the Project boundary but not fully encompassed. It is not listed as an official Project road and is located on land owned by LADWP.	Consult with LADWP and add to Project boundary and Project roads inventory.	Addition of Project lands (Project roads).
Road - 8	An access road to the Project gage below McGee Creek Diversion Flowline is partially within the Project boundary but not fully encompassed. It is not listed as an official Project road and is on land owned by USFS.	Consult with USFS and add to Project boundary and Project roads inventory.	Addition of Project lands (Project roads).

Road - 9	A road on USFS lands providing access from Big Trees Road to Flowline 3 is not currently within the Project boundary.	Consult with USFS and add to Project boundary and Project roads inventory.	Addition of Project lands (Project roads).
Road - 10	A portion of Buttermilk Road on USFS lands is used for access to Birch Creek Diversion Flowline but is not within the Project boundary.	Consult with USFS and add to Project boundary and Project roads inventory.	Addition of Project lands (Project roads).
Road - 11	An access road to the Project gage at the end of Birch Creek Diversion Flowline is partially within the Project boundary but not fully encompassed. It is not listed as an official Project road and is located on USFS land.	Consult with USFS and add to Project boundary and Project roads inventory.	Addition of Project lands (Project roads).
Road - 12	An access road from Buttermilk Road to Flowline 2 is partially within the Project boundary but not fully encompassed. It is not listed as an official Project road and is partially located on USFS land.	Consult with USFS and add to Project boundary and Project roads inventory.	Addition of Project lands (Project roads).
Road – 13	An access road from Big Trees Road to the south side of Plant No. 2 is partially within the Project boundary but not fully encompassed. It is also not listed as an official Project road and is partially located on USFS land.	Consult with USFS and add to Project boundary and Project roads inventory.	Addition of Project lands (Project roads).
Road – 14	An access road from Flowline 2 to the downstream end of Intake No. 2 is currently partially within the Project boundary and not officially listed as a Project road and is partially located on USFS land.	Consult with USFS and add to Project boundary and Project roads inventory.	Addition of Project lands (Project roads).
Road – 15	An access road south of Intake No. 2 Reservoir leading to the south end of the diversion is currently partially within the Project boundary and not officially listed as a Project road and is partially located on USFS land.	Consult with USFS and add to Project boundary and Project roads inventory.	Addition of Project lands (Project roads).
Road – 16	An access road to the South Fork Diversion is not currently fully encompassed within the Project boundary and not listed as an official Project road.	Add to Project boundary and Project roads inventory. This addition encompasses lands currently owned by SCE and would not require additional landowner approvals.	Addition of Project lands (Project roads).



**Table 4-3 Proposed Boundary Changes Related to Project Trails**

<b>ID</b>	<b>Description</b>	<b>Proposed Action</b>	<b>Reason for Proposed Boundary Change</b>
Trail - 1	SCE maintains that this portion of the Sabrina Basin Trail - a USFS system trail – should be included in the Project boundary and listed as a Project trail to facilitate access for maintenance to the Sabrina Dam spillway. This is on USFS property.	Consult with USFS and add to Project boundary and Project trails inventory.	Addition of Project lands (Project trails).

## 4.2 PROJECT ROADS AND TRAILS

SCE reviewed its current Project O&M activities and prepared a list of roads and trails that it believes are used predominantly for Project purposes and thus warrant inclusion in the FERC Project boundary and, ultimately, maintenance responsibility under a new license term.

As noted above, many of these access roads are not fully inside the current Project boundary and are being proposed to be included in a new boundary. The specific requirements and approvals necessary from relevant land managers for use of these lands is not addressed in this memo. Others are already within the current Project boundary, such as those along flowlines, but were not specifically designated as Project roads in the previous license. For each of these road segments that are currently within the Project boundary, SCE has maintained such roads and no further action is required.

Table 4-4 and Table 4-5 provide a list of proposed Project roads and trails, respectively. For each proposed road or trail, a unique ID (which corresponds to the road labels in the mapbook provided in Appendix B), brief description/name, status, ownership, and segment length is provided. Due to the sprawling nature of this Project and the number of roads discussed below, SCE has prepared a keyhole markup language zip file (kmz) of proposed roads to be provided upon request and used in conjunction with the mapbook provided in Appendix B.

**Table 4-4 Proposed Project Roads**

<b>ID</b>	<b>Description</b>	<b>Within Current Project Boundary?<sup>a</sup></b>	<b>Ownership</b>	<b>Segment Length (Feet)</b>
Project Road - 1	Unnamed (Along Flowline 6)	Yes	SCE	556.0
Project Road - 2	Unnamed (Access to gage below Plant No. 5)	Yes	SCE	154.8
Project Road - 3	Unnamed (Access to Plant No. 5)	Partially	SCE	176.6
Project Road - 4	Unnamed (Access to east side of Intake No. 6 Dam)	No	SCE	207.2
Project Road - 5	Plant 5 Road (East)	Yes	SCE	553.5
Project Road - 6	Plant 5 Road (West)	Yes	BLM	1985.2
Project Road - 7	Unnamed (Access to Plant No.5 Penstocks)	Yes	BLM	1918.9
Project Road - 8	Unnamed (Access to Plant No. 5 Penstocks)	Yes	BLM	371.6
Project Road - 9	Unnamed (Access to Plant No.5 Penstocks)	Yes	BLM	632.4
Project Road - 10	Unnamed (Access to Flowline 5)	Yes	SCE	1443.7
Project Road - 11	Unnamed (Access to Flowline 5)	Yes	SCE	286.2
Project Road - 12	Unnamed (Access to Flowline 5)	Yes	SCE	767.2
Project Road - 13	Unnamed (Access along Flowline 5)	Yes	BLM	381.6
Project Road - 14	Unnamed (Access along Flowline 5)	Yes	SCE	2561.4
Project Road - 15	Unnamed (Access to Gravel Pit/Staging Area)	Yes	BLM	665.8
Project Road - 16	Unnamed (Access to Gravel Pit/Staging Area)	Yes	SCE	529.9
Project Road - 17	Unnamed (Access to Staging Area from E. Bishop Cr. Rd.)	Yes	SCE	160.5
Project Road - 18	Unnamed (Access to Staging Area below Intake No. 5 Dam)	Yes	SCE	923.0
Project Road - 19	Unnamed (Flowline 5 to Plant No. 4 Penstocks)	Yes	SCE	796.4
Project Road - 20	USFS 07S110 (Flowline 5 to Plant No.4 Penstocks)	Yes	USFS	4008.1
Project Road - 21	USFS 07S110D (Access to Cell Phone Repeater)	No	USFS	1376.9
Project Road - 22	USFS 07S110 (Along Plant No. 4 Penstock 2)	Yes	USFS	3952.3
Project Road - 23	USFS 07S110A (Spoils area between CA Hwy 168 and Plant No. 4 Penstocks)	Yes	USFS	467.9

<b>ID</b>	<b>Description</b>	<b>Within Current Project Boundary?<sup>a</sup></b>	<b>Ownership</b>	<b>Segment Length (Feet)</b>
Project Road - 24	USFS 08S10T (Spoils area between CA Hwy 168 and Plant No. 4 Penstocks)	Yes	USFS	1453.3
Project Road - 25	USFS 07S110 (Along Flowline 4)	Yes	USFS	6356.9
Project Road - 26	USFS 07S110 (Along Flowline 4)	Yes	SCE	963.9
Project Road - 27	Unnamed (Along Flowline 4)	Yes	USFS	1910.0
Project Road - 28	Unnamed (Access to Intake No. 4 Dam)	Yes	SCE	253.7
Project Road - 29	Unnamed (Access to weir below Intake No. 4 Dam)	Yes	SCE	320.8
Project Road - 30	Unnamed (Access to south side of Intake No. 4 Dam)	Partially	SCE	577.4
Project Road - 31	Unnamed (West Bishop Cr. Rd. to west side of Plant No. 3)	No	USFS/SCE	1042.5
Project Road - 32	USFS 07S15B (Along Flowline 3)	Yes	USFS	9322.8
Project Road - 33	Unnamed (Along Flowline 3)	Yes	LADWP	496.1
Project Road - 34	USFS 07S15B (Along Flowline 3)	Yes	USFS	1106.5
Project Road - 35	Unnamed (Big Trees Road to Flowline 3)	No	USFS	428.6
Project Road - 36	Unnamed (Access along Flowline 3)	Yes	USFS/SCE	1723.8
Project Road - 37	Unnamed (Big Trees Road to north side of Plant No. 2)	Yes	SCE	319.8
Project Road - 38	Unnamed (Big Trees Road to south side of Plant No. 2)	Partially	USFS/SCE	677.3
Project Road - 39	Buttermilk Road/USFS 07S01 (Access to Birch Creek Diversion Flowline)	No	USFS	1425.1
Project Road - 40	USFS 07S01V (Access to gage at end of Birch Creek Diversion Flowline)	No	USFS	1168.2
Project Road - 41	Unnamed (Buttermilk Rd to Flowline 2)	No	USFS	569.3
Project Road - 42	USFS 08S103 (Along Flowline 2)	Yes	USFS	8338.1
Project Road - 43	Unnamed (Along Flowline 2)	Yes	USFS	1244.7
Project Road - 44	Unnamed (Flowline 2 to Intake No. 2)	Partially	USFS	875.7
Project Road - 45	USFS 08S10B-1 (Access to south side of Intake No. 2 Dam)	Partially	USFS	1885.1
Project Road - 46	Unnamed (Access to Birch-McGee Diversion)	Partially	LADWP	637.7
Project Road - 47	USFS 08S102D (Access to gage)	Partially	USFS	195.9

<b>ID</b>	<b>Description</b>	<b>Within Current Project Boundary?<sup>a</sup></b>	<b>Ownership</b>	<b>Segment Length (Feet)</b>
Project Road - 48	Unnamed (Access to South Fork Diversion)	Partially	SCE	1115.4

<sup>a</sup> Where some roads may veer in and out of the Project boundary due to mapping errors, they have been noted as “yes” since the intent was for those roads to be included in the boundary.

**Table 4-5 Proposed Project Trails**

<b>ID</b>	<b>Description</b>	<b>Within Current Project Boundary?</b>	<b>Ownership</b>	<b>Segment Length (Feet)</b>
Project Trail - 1	Sabrina Basin Trail (from trailhead to base of dam)	No	USFS	609.0

### 4.3 WILDERNESS

A review of the current Project boundary in relation to the current boundary of the John Muir Wilderness revealed four areas where the two intersect. Three of these areas appear to be mapping incongruencies where both boundaries attempt to represent the same feature, such as the maximum operating level of a reservoir or the banks of creeks. The fourth area includes facilities and waters associated with Longley Dam, Longley Lake, Longley Reservoir Trail, and McGee Creek. Below is a brief description of each area.

- **Longley Lake, Longley Dam, Longley Reservoir Trail, and a portion of McGee Creek** are all located within the John Muir Wilderness. The minor mapping corrections discussed above, such as an improved centerline and buffer for McGee Creek, will be applied to this area.
- Near **Tyee Day Use Area**, much of the current wilderness boundary overlaps the current Project boundary. Most likely, both are intended to represent the exclusion of South Fork Bishop Creek.
- **Lake Sabrina**, much of the current wilderness boundary overlaps the current Project boundary. Most likely, both are intended to represent the same contour elevation for the maximum operating level of the reservoir.
- **South Lake**, much of the current wilderness boundary overlaps the current Project boundary. Most likely, both are intended to represent the same contour elevation for the maximum operating level of the reservoir.

## **5.0 RESPONSE TO COMMENTS MATRIX**

Table 5-1 provides SCE responses to comments received on the October 6, 2021 memorandum.

**Table 5-1 Response to Agency Comments**

<b>Response to Agency Comments on Final Technical Reports for the Bishop Creek Hydroelectric Project</b>				
<b>Comment No.</b>	<b>Agency</b>	<b>Source</b>	<b>Agency Comment</b>	<b>Response</b>
<b>Project Boundary and Land Study (LAND 1) – USR Memo</b>				
1	USFS	Page 5, Operations/ Facilities – 1	Not FS Land	Comment noted.
2	USFS	Page 5, Operations/ Facilities – 2	Yes, should be part of the FERC	Comment noted.
3	USFS	Page 5, Operations/Facilities – 3	How is this used by the public? Will this effect access?	No changes are being proposed to current public access or use of the lands.
4	USFS	Page 5, Operations/Facilities – 4	Yes, should be part of the FERC.	Comment noted.
5	USFS	Page 6, Road – 1	Yes, should be part of the FERC.	Comment noted.
6	USFS	Page 6, Road – 2	How is this road used by the public? Will this effect access?	No changes are being proposed to current public access or use of the road.
7	USFS	Page 6, Road – 3	How is this road used by the public? Will this effect access?	No changes are being proposed to current public access or use of the road.
8	USFS	Page 6, Road – 4	How is this road used by the public? Will this effect access?	No changes are being proposed to current public access or use of the road.
9	USFS	Page 6, Road – 5	Yes, should be part of the FERC	Comment noted.
10	USFS	Page 6, Road – 6	This road is partially overgrown and looks like it is in a riparian zone/wetland and should be considered for decommissioning if it is. How would they access this road, there is no open road to the site and no bridges to the road? How would they use it?	The current road has been historically used to provide infrequent access to Intake No. 4 facilities for dam safety and maintenance activities; small portions of the access road fall outside the existing FERC boundary. As described in Exhibit E, where stream entry is necessary, rubber mats are used to minimize impacts.
11	USFS	Page 7, Road – 7	How is this road used by the public? Will this effect access?	No changes are being proposed to current public access or use of the road.
12	USFS	Page 7, Road – 8	Yes, should be part of the FERC	Comment noted.



<b>Response to Agency Comments on Final Technical Reports for the Bishop Creek Hydroelectric Project</b>				
<b>Comment No.</b>	<b>Agency</b>	<b>Source</b>	<b>Agency Comment</b>	<b>Response</b>
13	USFS	Page 7, Road – 9	Where is this? The map is not clear.	This road segment provides access to a gage below the McGee Creek Diversion flowline and prior to the Birch-McGee Diversion.
14	USFS	Page 7, Road – 10	Yes, should be part of the FERC.	Comment noted.
15	USFS	Page 7, Road – 11	How is this road used by the public? Will this effect access?	No changes are being proposed to current public access or use of the road.
16	USFS	Page 7, Road – 12	How is this road used by the public? Will this effect access?	No changes are being proposed to current public access or use of the road.
17	USFS	Page 7, Road – 13	How is this road used by the public? Will this effect access?	No changes are being proposed to current public access or use of the road.
18	USFS	Page 8, Road – 14	This description or the map is not accurate. The map shows Big Trees Road, the description is for Buttermilk Road	Memo descriptions of roads 12, 13, and 14 are out of order. Descriptions and identification of these roads will be corrected in the update to the ongoing LAND 1 study provided in the DLA.
19	USFS	Page 8, Road – 15	How is this road used by the public? Will this effect access?	No changes are being proposed to current public access or use of the road.
20	USFS	Page 8, Road – 16	How is this road used by the public? Will this effect access?	No changes are being proposed to current public access or use of the road.
21	USFS	Page 8, Road – 17	How is this road used by the public? Will this effect access?	No changes are being proposed to current public access or use of the road.
22	USFS	Page 8, Trail – 1	How will this change trail use? Will it be widened? Will public use be restricted?	No changes are being proposed to the current width and public use of this portion of trail. Having this portion of the trail within the Project boundary will facilitate future maintenance of the trail for spillway access. Management of parking at the trailhead is currently being discussed with the USFS.
23	USFS	Page 9, Wilderness – Longley	What are you asking for here? I don't see a question or management recommendation.	An assessment of wilderness boundaries in relation to the current Project boundary was included as part of the ongoing LAND 1 study. SCE does not propose any changes to project facilities or operations. Minor mapping corrections to verify

<b>Response to Agency Comments on Final Technical Reports for the Bishop Creek Hydroelectric Project</b>				
<b>Comment No.</b>	<b>Agency</b>	<b>Source</b>	<b>Agency Comment</b>	<b>Response</b>
				improved centerlines/buffers for McGee Creek and the high-water mark for Longley Lake will be applied to these areas where the current Project boundary does not accurately reflect the intent of the existing Exhibit G to include all Project features.
24	USFS	Page 9, Wilderness – Tye Day Use	If this is a wilderness boundary, changing it is problematic and the same laws/regulations will apply as long as it is wilderness regardless of management agency	An assessment of wilderness boundaries in relation to the current Project boundary was included as part of the ongoing LAND 1 study. SCE does not propose any changes to Project facilities or operations. Minor mapping corrections – improved centerline/buffer for South Fork Bishop Creek – will be applied to these areas where the current Project boundary does not accurately reflect the intent of the existing Exhibit G to include all Project features.
25	USFS	Page 9, Wilderness – Lake Sabrina	If this is a wilderness boundary, changing it is problematic and the same laws/regulations will apply as long as it is wilderness regardless of management agency	An assessment of wilderness boundaries in relation to the current Project boundary was included as part of the ongoing LAND 1 study. SCE does not propose any changes to Project facilities or operations. Minor mapping corrections – improved high-water mark for Lake Sabrina – will be applied to these areas where the current Project boundary does not accurately reflect the intent of the existing Exhibit G to include all Project features.
26	USFS	Page 9, Wilderness – South Lake	If this is a wilderness boundary, changing it is problematic and the same laws/regulations will apply as long as it is wilderness regardless of management agency	An assessment of wilderness boundaries in relation to the current Project boundary was included as part of the ongoing LAND 1 study. SCE does not propose any changes to Project facilities or operations. Minor mapping corrections – improved high-water mark for South Lake – will be applied to these areas where the current Project boundary does not accurately reflect the intent of

<b>Response to Agency Comments on Final Technical Reports for the Bishop Creek Hydroelectric Project</b>				
<b>Comment No.</b>	<b>Agency</b>	<b>Source</b>	<b>Agency Comment</b>	<b>Response</b>
				the existing Exhibit G to include all Project features.
27	USFS	General Comment	Intake#2-include fishing access, access road from CA168, Intake 2 CG and access roads? These features are connected to the presence of the forebay as a recreation destination. The primary purpose of the access road from CA168 is to reach the Intake#2 facilities. The road would exist independently of the presence of the nearby campground.	Comment noted. The segment of access road from CA168 to Intake No. 2 Reservoir is not currently proposed as a Project road in the DLA but will be added to the list of shared use roads and trails for ongoing discussion with the USFS. Lower Intake No. 2 and Upper Intake No. 2 Campgrounds are currently being discussed with the USFS as to potential Project nexus.
28	USFS	General Comment	The relicensing of Longley/McGee are not addressed in relation to the lack of language allowing these improvements in the enabling wilderness designation.	The Project was licensed, constructed, and developed prior to Congress' enactment of the Wilderness Act of 1964 and designation of the John Muir Wilderness Area. As such, SCE's license and the associated power site reservation are "existing private rights" under Section 4(c) of the Wilderness Act. FERC has held that it is not prohibited from relicensing an existing Project within such an area for projects that pre-date the designation of the wilderness area. Additionally, SCE does not propose any new or expanded facilities within the John Muir Wilderness as part of the relicensing effort. See Exhibit E, Section 4.8.
29	USFS	General Comment	McGee Creek diversion/Longley Lake Trail. Include entire trail in Project area. The trail is the access route to the diversion facility. The trail would exist independently of recreational hiking activity and must be maintained to provide access to Project infrastructure.	Comment noted. The addition of Longley Lake Trail as a Project trail is not being proposed in the DLA but will be added to the list of shared use roads and trails for ongoing discussion with the USFS.

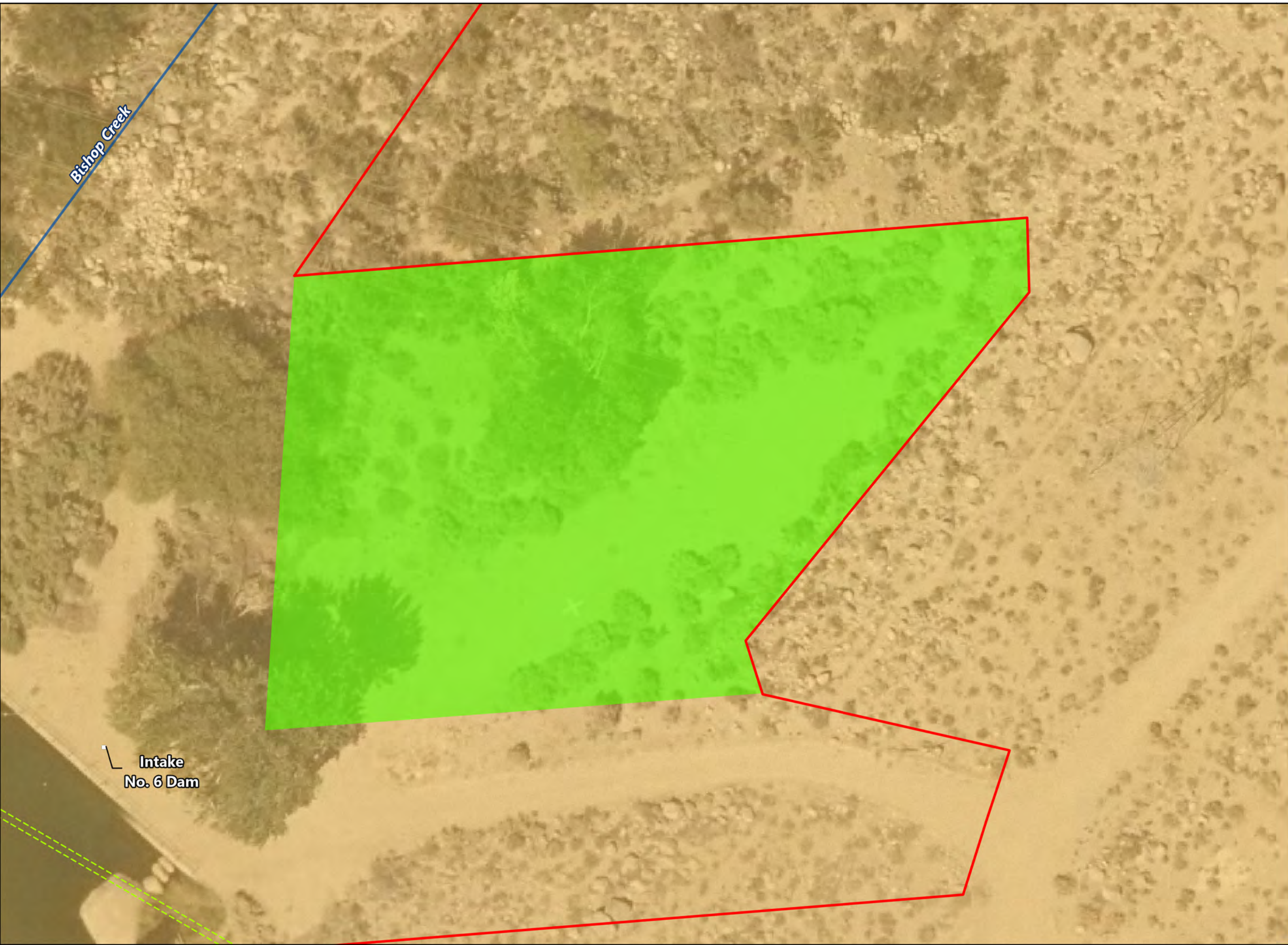
**Response to Agency Comments on Final Technical Reports for the Bishop Creek Hydroelectric Project**

<b>Comment No.</b>	<b>Agency</b>	<b>Source</b>	<b>Agency Comment</b>	<b>Response</b>
30	USFS	General Comment	Green Lake pipeline. This is used as a trail by the public and is listed as such in local hiking guidebooks. People walk on the exposed pipeline because there is no formal trail. Presents a potential public safety hazard.	Comment noted. Public use of the pipeline and related management decisions are currently being discussed with the USFS in relation to recreation issues identified at the Project.

**APPENDIX A**

**MAPS OF PROPOSED CHANGES TO PROJECT LANDS**

Default Folder: Q:\Client\_Data\FERC\_Projects\1394\KA3202003\Bishop\ArcGIS Pro\Originals\BishopCreek\Rec



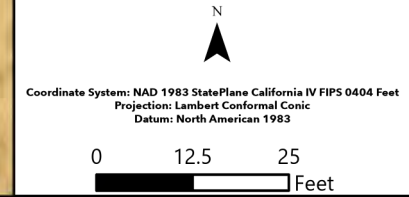
- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
- Inyo National Forest
- BLM Lands
- USFS Trails

- Inyo NF Recreation Sites**
- Boating - Non-Motorized
  - Boating - Motorized
  - Tent Camping
  - Group Camping
  - RV Camping
  - Trailhead
  - Interpretive Area
  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center














## OPERATIONS/ FACILITIES - 1

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**



-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

- Inyo NF Recreation Sites**
-  Boating - Non-Motorized
  -  Boating - Motorized
  -  Tent Camping
  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



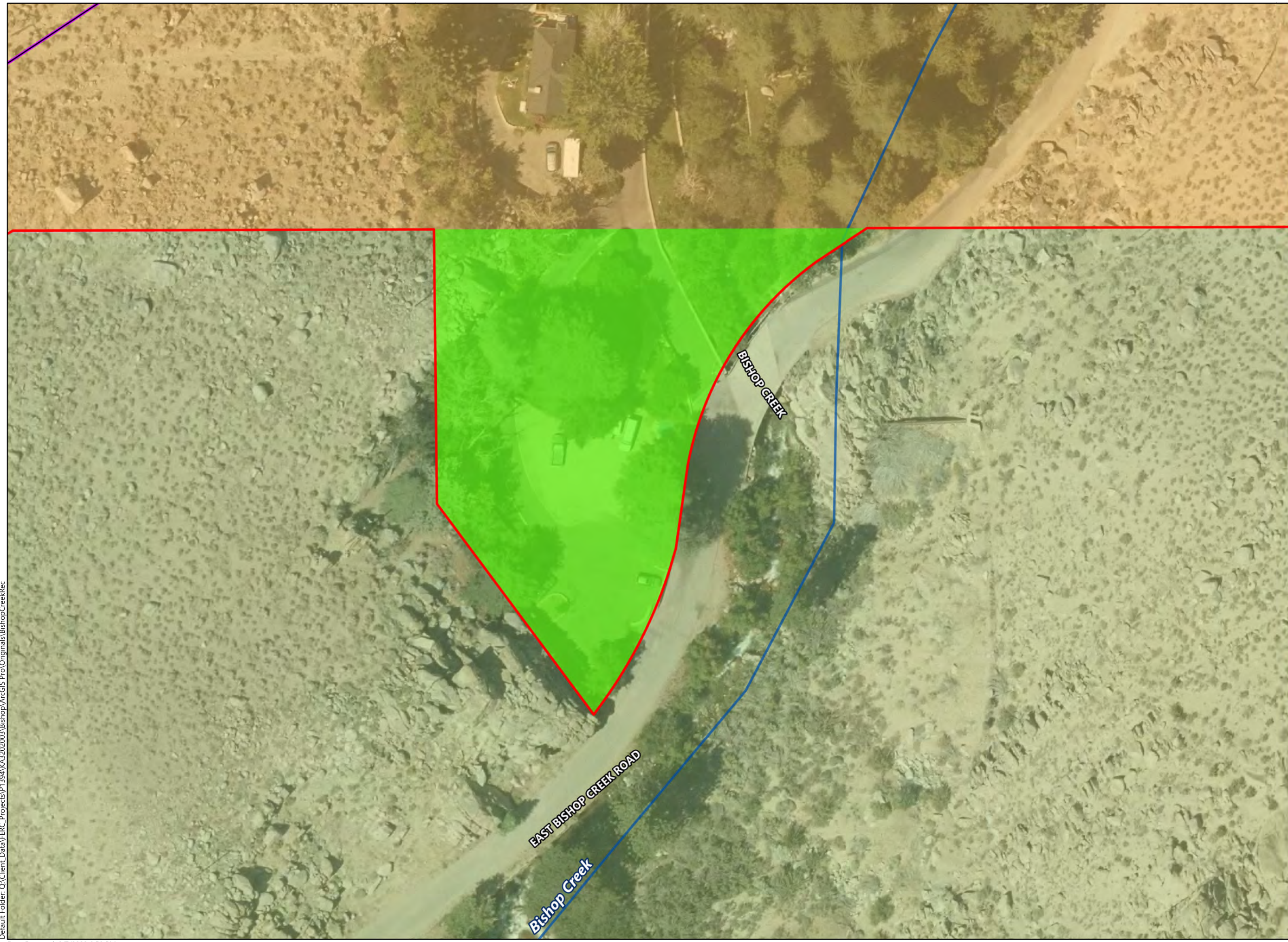
## OPERATIONS/ FACILITIES - 2

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

N

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983

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Feet



Default Folder: Q:\Client\_Data\FERC\_Projects\1394\KA3202003\Bishop\ArcGIS Pro\Originals\BishopCreek\Rec

- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
- Inyo National Forest
- BLM Lands
- USFS Trails

- Inyo NF Recreation Sites**
- Boating - Non-Motorized
  - Boating - Motorized
  - Tent Camping
  - Group Camping
  - RV Camping
  - Trailhead
  - Interpretive Area
  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center



## OPERATIONS/ FACILITIES - 3

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

N


























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Feet

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-  Proposed Addition of Project Lands
  -  Proposed Removal of Project Lands
  -  Proposed Accuracy Improvement
  -  FERC Project Boundary (Proposed)
  -  Diversion
  -  Dam
  -  Flowline
  -  Penstock
  -  Transmission Lines
  -  Wilderness Area (Inyo NF)
  -  SCE Land Ownership
  -  Inyo National Forest
  -  BLM Lands
  -  USFS Trails
- Inyo NF Recreation Sites**
-  Boating - Non-Motorized
  -  Boating - Motorized
  -  Tent Camping
  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



## OPERATIONS/ FACILITIES - 4

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

  
 Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
 Projection: Lambert Conformal Conic  
 Datum: North American 1983

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 Feet

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- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
- Inyo National Forest
- BLM Lands
- USFS Trails

- Inyo NF Recreation Sites**
- ⛶ Boating - Non-Motorized
  - ⛶ Boating - Motorized
  - ⛶ Tent Camping
  - ⛶ Group Camping
  - ⛶ RV Camping
  - ⛶ Trailhead
  - ? Interpretive Area
  - ⛶ Fishing Access
  - ⛶ Day Use Area
  - ⛶ Viewing Scenery
  - ⛶ Visitor Center



## OPERATIONS/ FACILITIES - 5

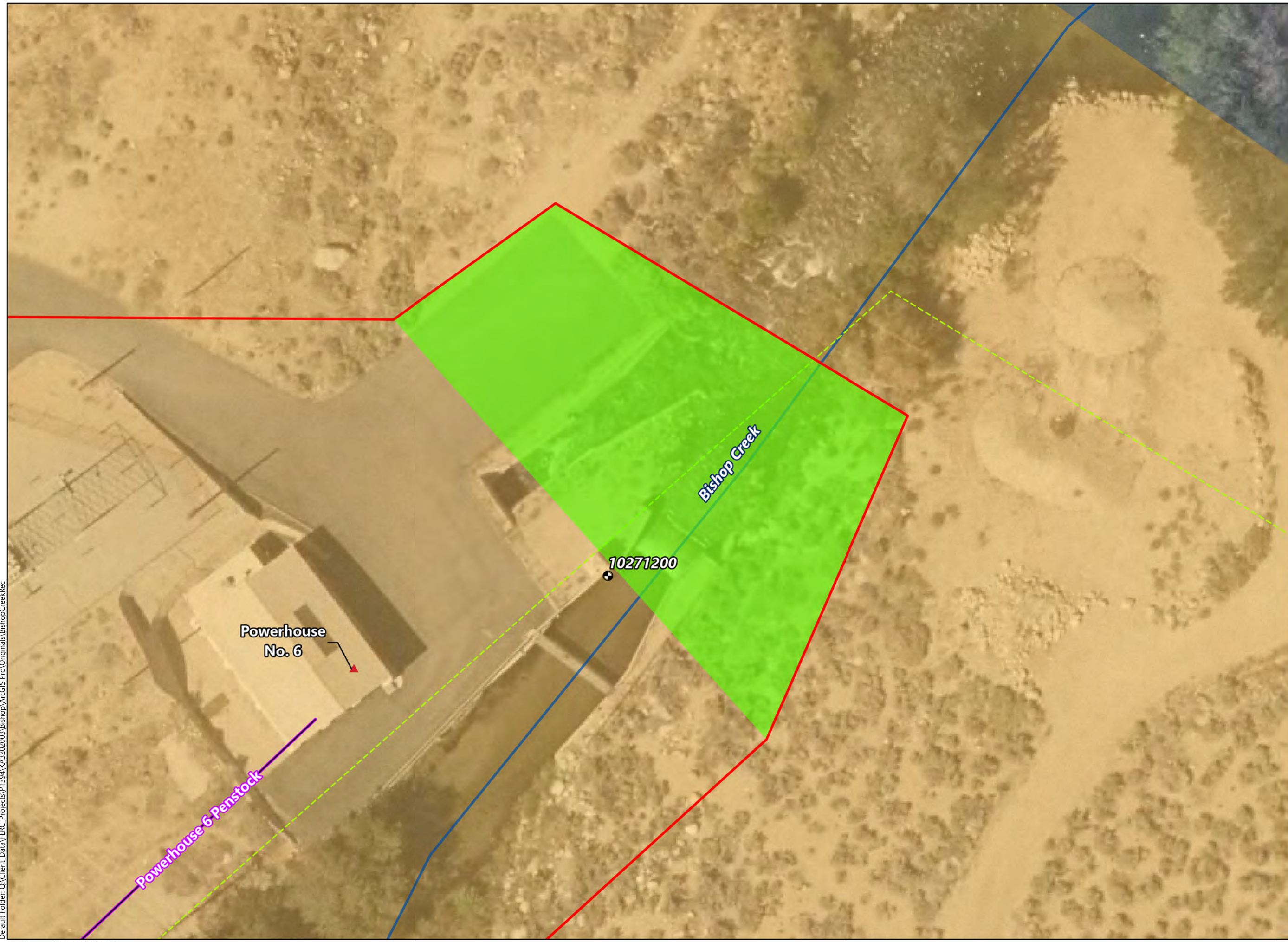
**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

N

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983

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12.5
25

Feet



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PLANT 5 ROAD

Flowline 6

Bishop Creek

Intake No. 6 Dam

-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

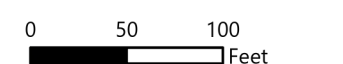
- Inyo NF Recreation Sites**
-  Boating - Non-Motorized
  -  Boating - Motorized
  -  Tent Camping
  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



**OPERATIONS/  
FACILITIES - 6**

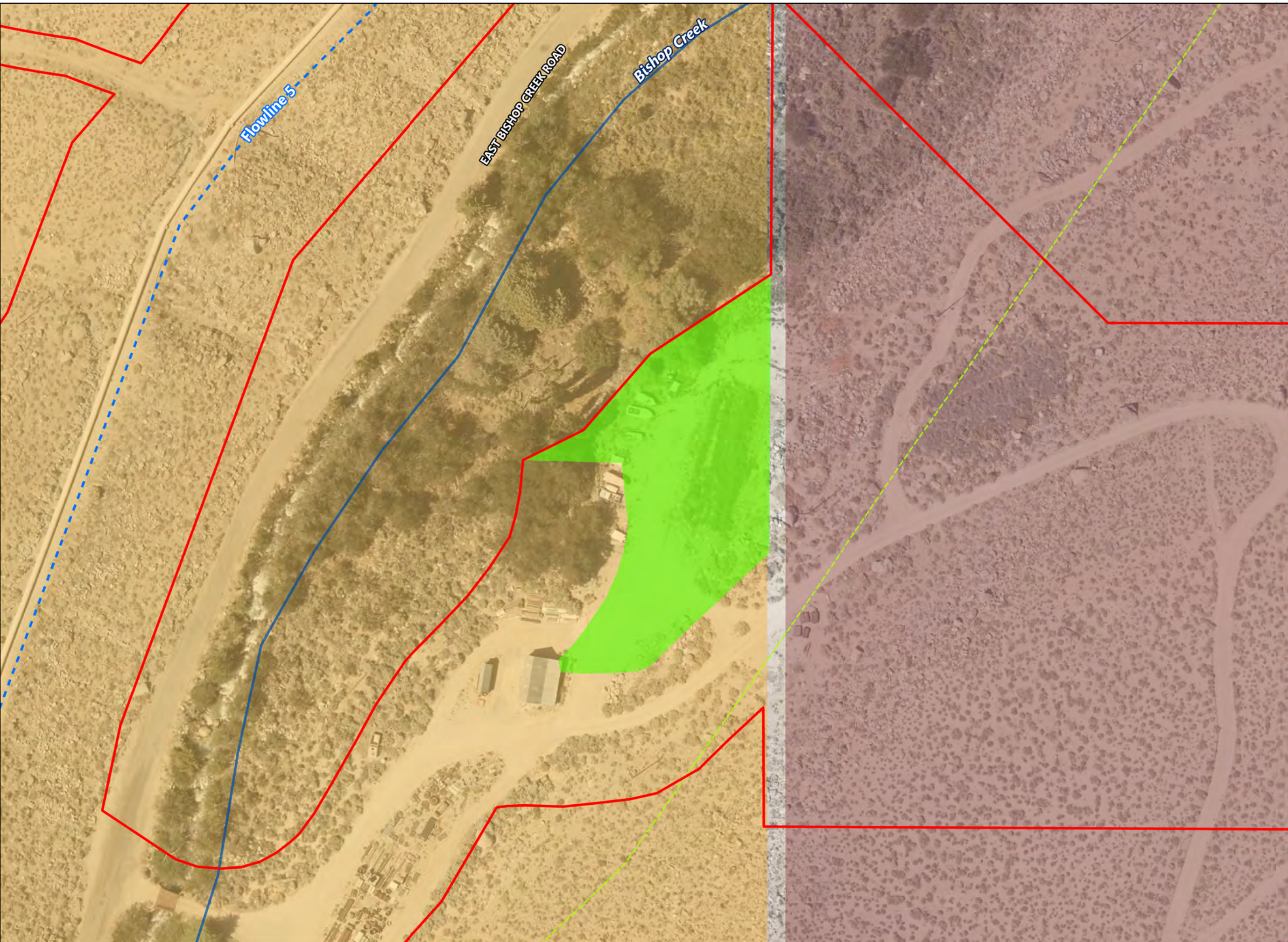
**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**





N  
 Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
 Projection: Lambert Conformal Conic  
 Datum: North American 1983














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-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

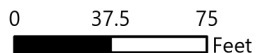
- Inyo NF Recreation Sites**
-  Boating - Non-Motorized
  -  Boating - Motorized
  -  Tent Camping
  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



## OPERATIONS/ FACILITIES - 7

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

N  
Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983



- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
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- USFS Trails

- Inyo NF Recreation Sites**
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  - Boating - Motorized
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  - Group Camping
  - RV Camping
  - Trailhead
  - Interpretive Area
  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center



## OPERATIONS/ FACILITIES - 8

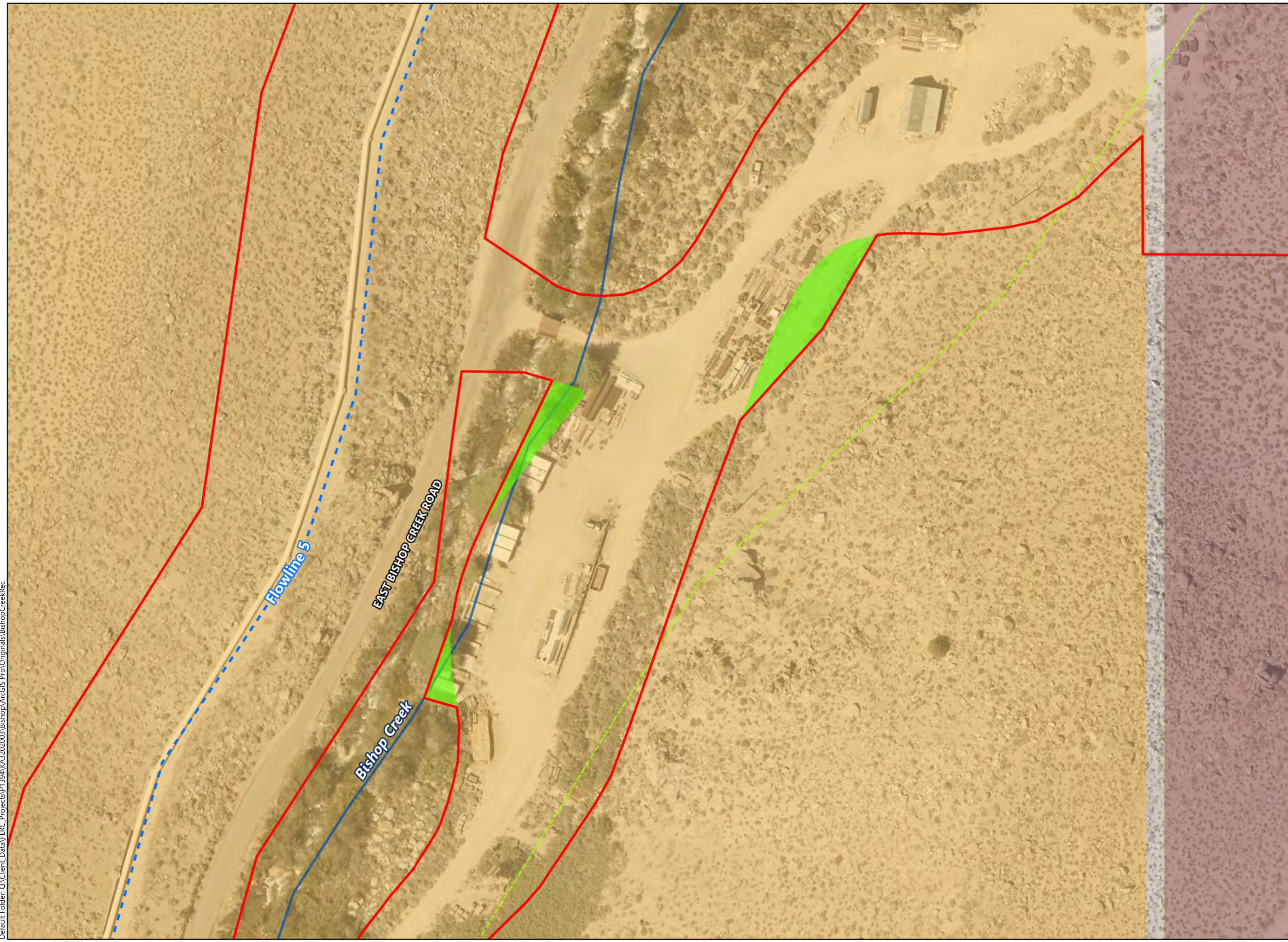
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FERC PROJECT NO. 1394**

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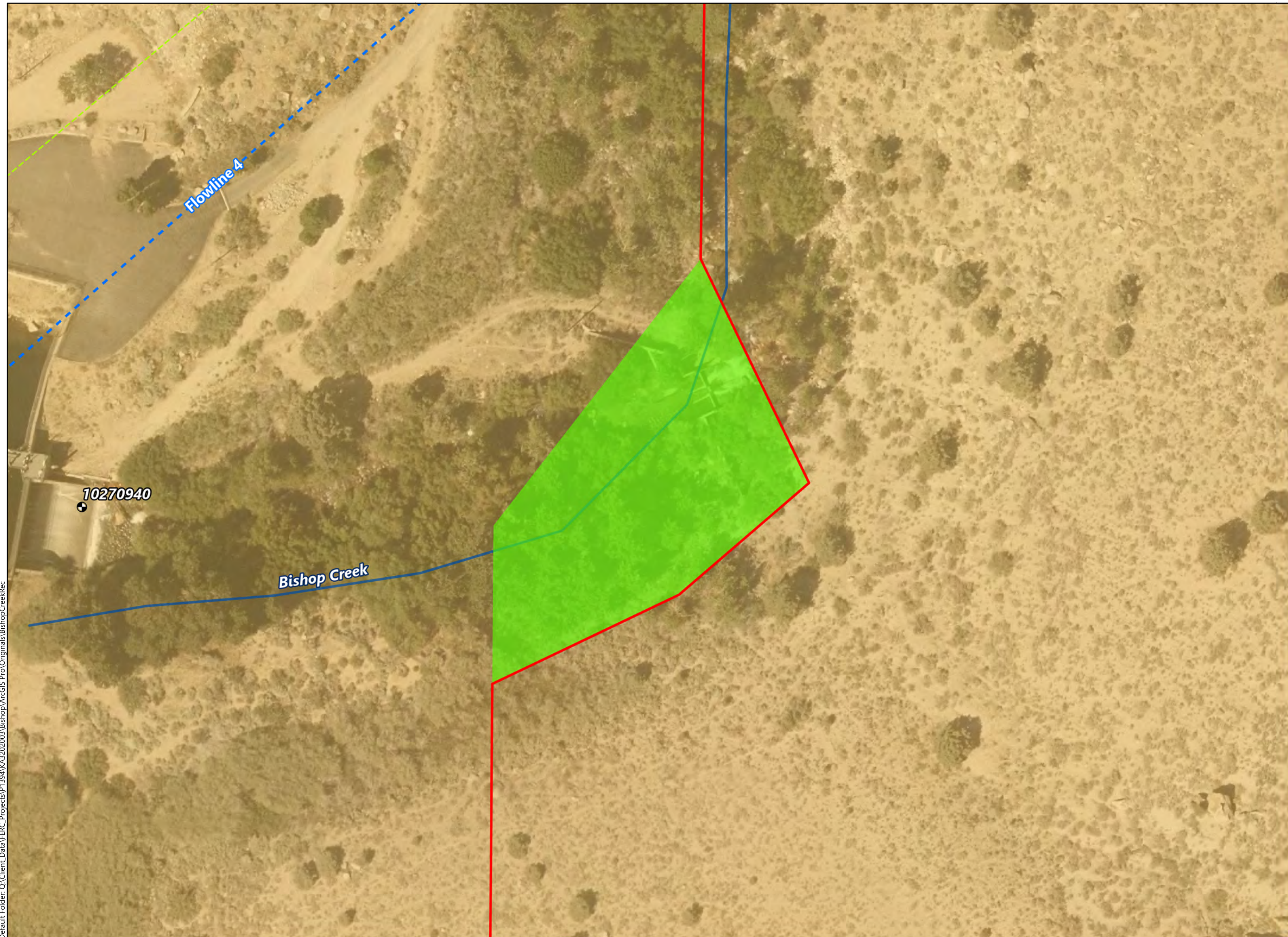
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Feet



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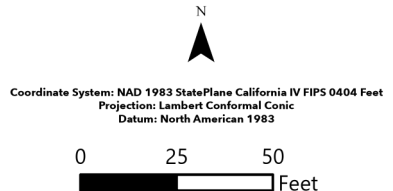
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- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
- Inyo National Forest
- BLM Lands
- USFS Trails

- Inyo NF Recreation Sites**
- Boating - Non-Motorized
  - Boating - Motorized
  - Tent Camping
  - Group Camping
  - RV Camping
  - Trailhead
  - Interpretive Area
  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center



**OPERATIONS/  
FACILITIES - 9**















**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**














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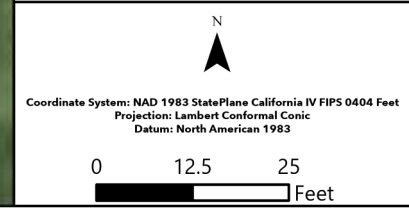
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-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

- Inyo NF Recreation Sites**
-  Boating - Non-Motorized
  -  Boating - Motorized
  -  Tent Camping
  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



# OPERATIONS/ FACILITIES - 10

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**



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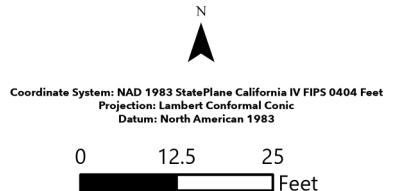
- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
- Inyo National Forest
- BLM Lands
- USFS Trails

- Inyo NF Recreation Sites**
- Boating - Non-Motorized
  - Boating - Motorized
  - Tent Camping
  - Group Camping
  - RV Camping
  - Trailhead
  - Interpretive Area
  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center



## OPERATIONS/ FACILITIES - 11





**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**
















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-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

**Inyo NF Recreation Sites**

-  Boating - Non-Motorized
-  Boating - Motorized
-  Tent Camping
-  Group Camping
-  RV Camping
-  Trailhead
-  Interpretive Area
-  Fishing Access
-  Day Use Area
-  Viewing Scenery
-  Visitor Center



**OPERATIONS/  
FACILITIES - 12**

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

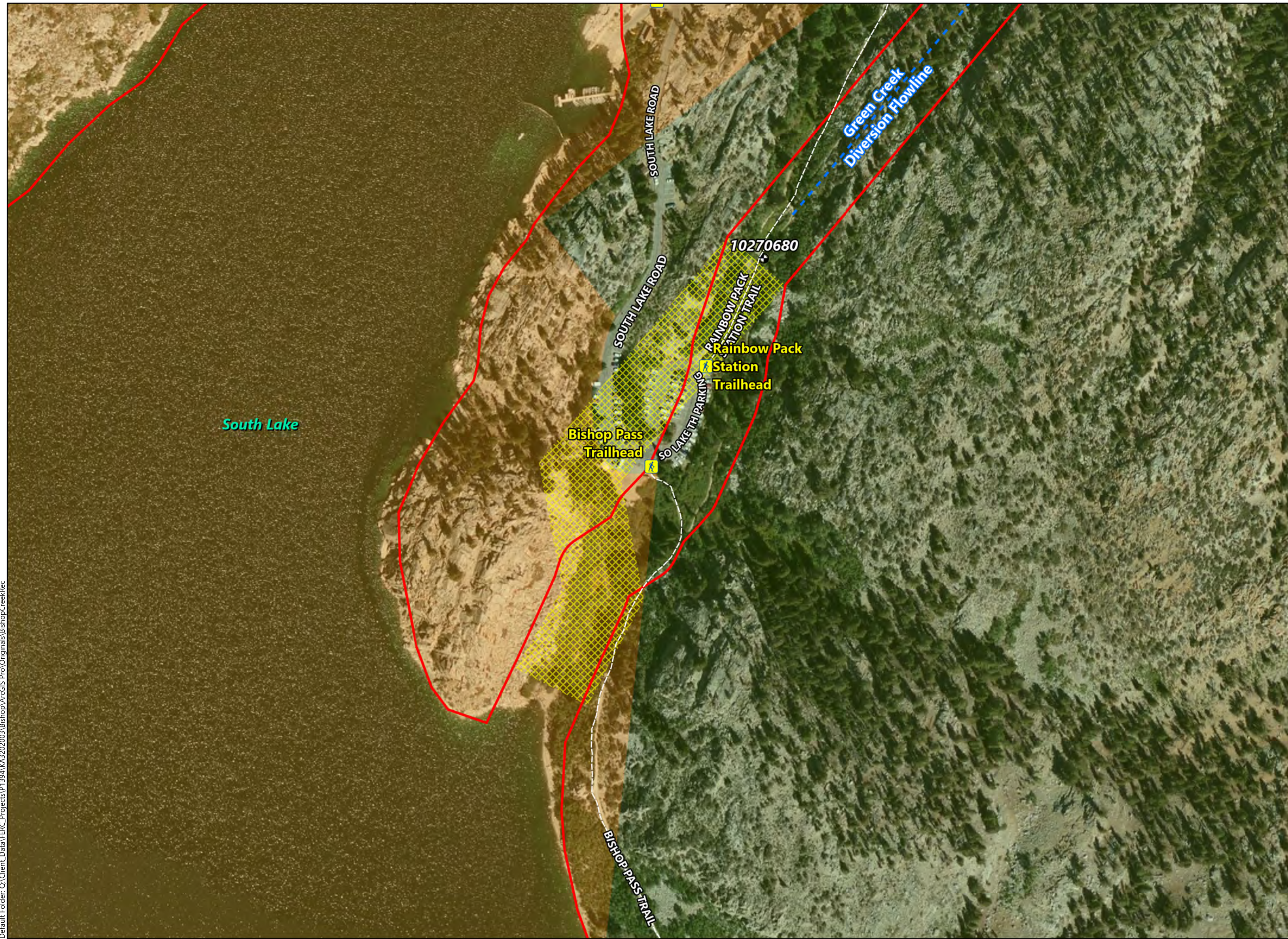
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


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-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

- Inyo NF Recreation Sites**
-  Boating - Non-Motorized
  -  Boating - Motorized
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  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



# OPERATIONS/ FACILITIES - 13

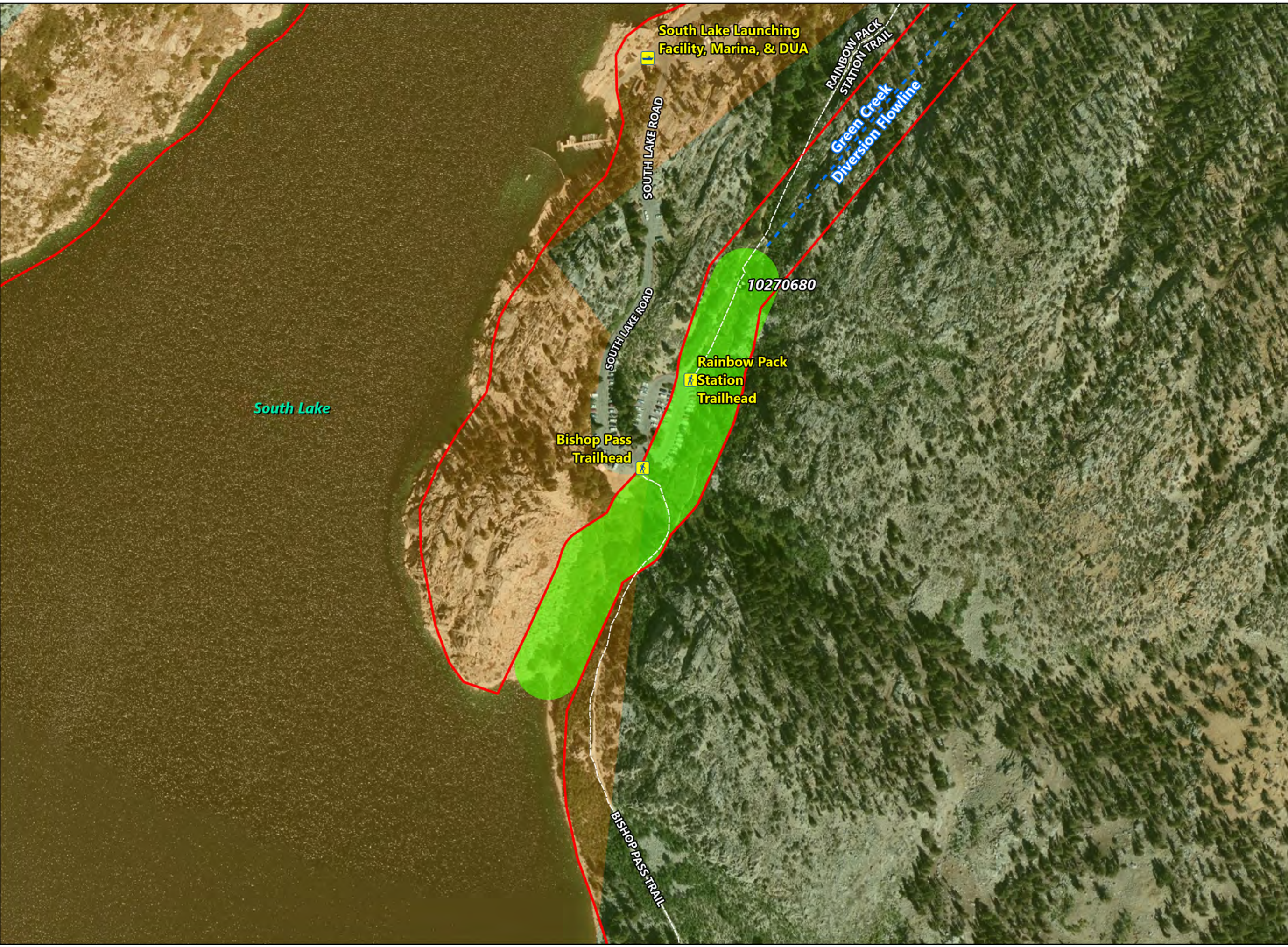
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HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

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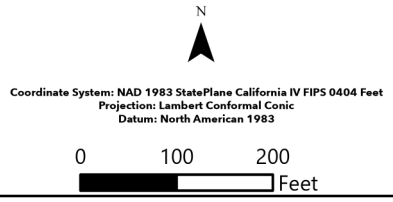
- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
- Inyo National Forest
- BLM Lands
- USFS Trails















- Inyo NF Recreation Sites**
- Boating - Non-Motorized
  - Boating - Motorized
  - Tent Camping
  - Group Camping
  - RV Camping
  - Trailhead
  - Interpretive Area
  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center














# OPERATIONS/ FACILITIES - 14

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**



-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

- Inyo NF Recreation Sites**
-  Boating - Non-Motorized
  -  Boating - Motorized
  -  Tent Camping
  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



# ROAD - 1

## BISHOP CREEK HYDROELECTRIC PROJECT FERC PROJECT NO. 1394












N

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
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-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

- Inyo NF Recreation Sites**
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  -  Boating - Motorized
  -  Tent Camping
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  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



**ROAD - 2**

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**












N

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983

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-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

- Inyo NF Recreation Sites**
-  Boating - Non-Motorized
  -  Boating - Motorized
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  -  Group Camping
  -  RV Camping
  -  Trailhead
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  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



## ROAD - 3

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

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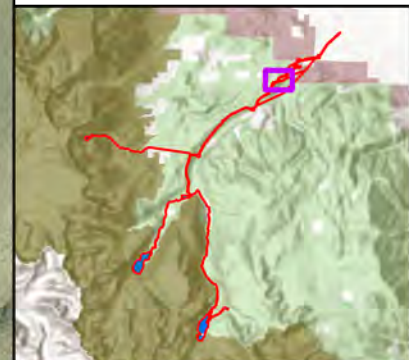
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EAST BISHOP  
CREEK ROAD

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-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

- Inyo NF Recreation Sites**
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  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



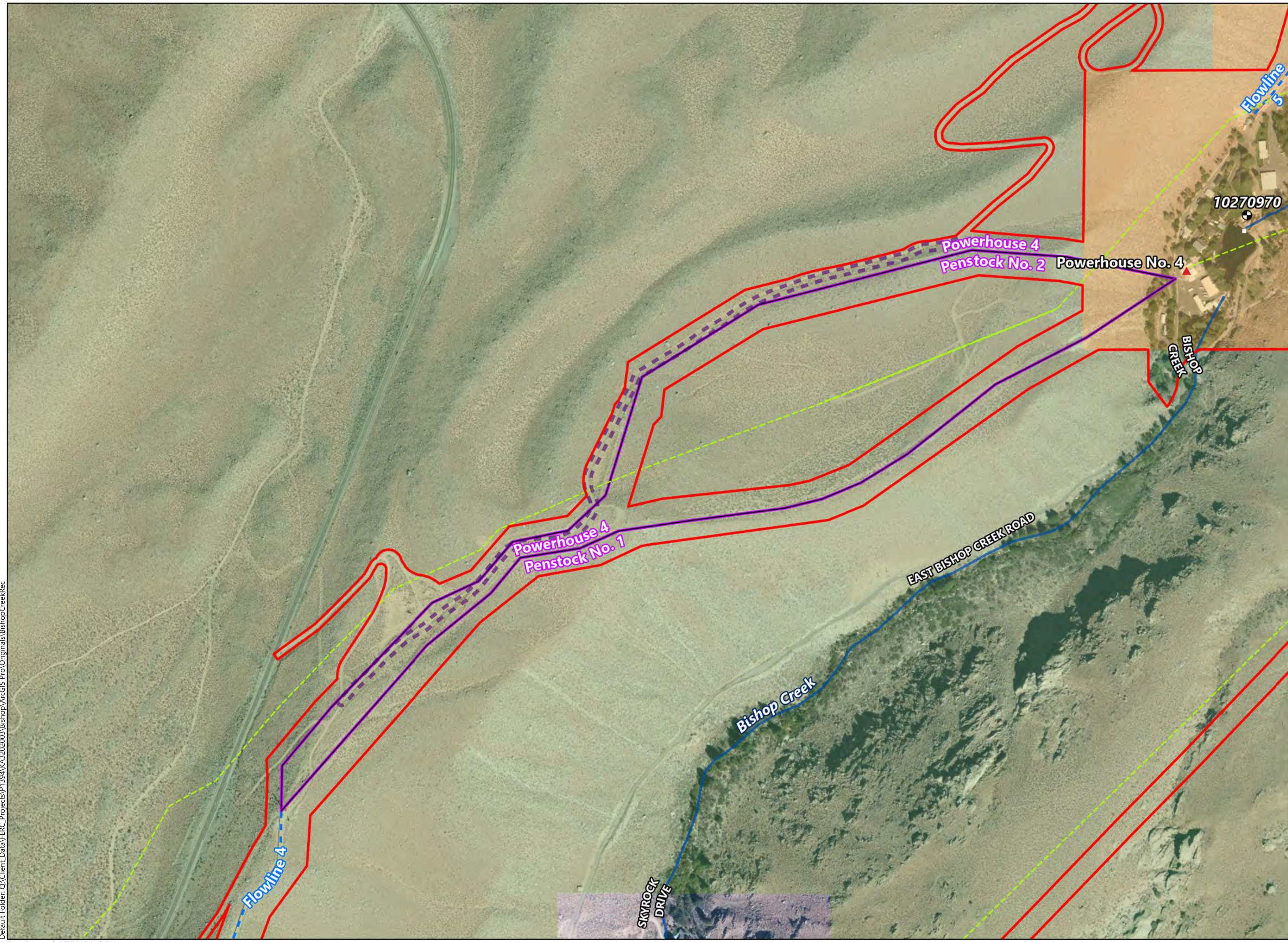
# ROAD - 4

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

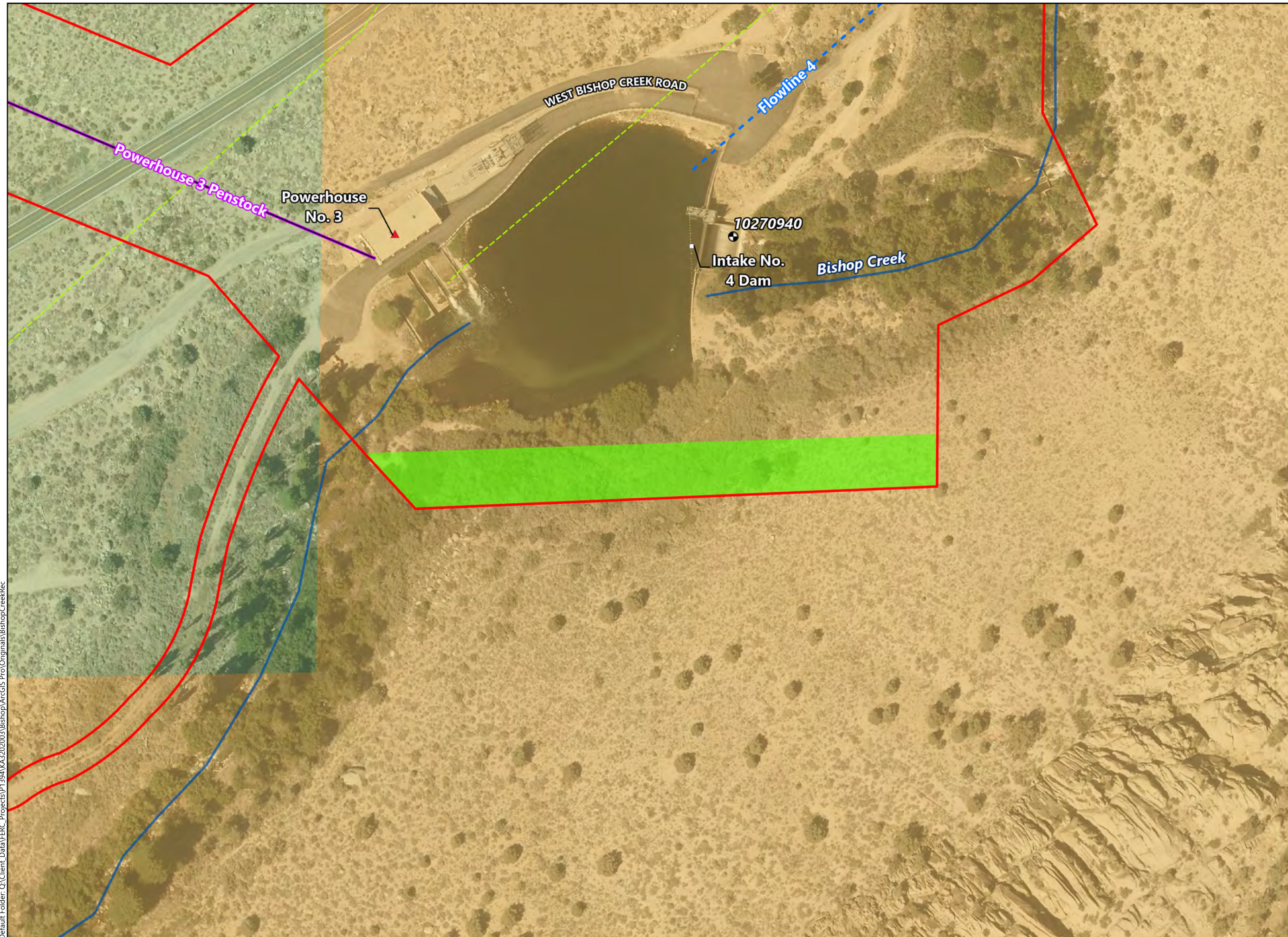
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- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
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- Inyo NF Recreation Sites**
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  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center



## ROAD - 5

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

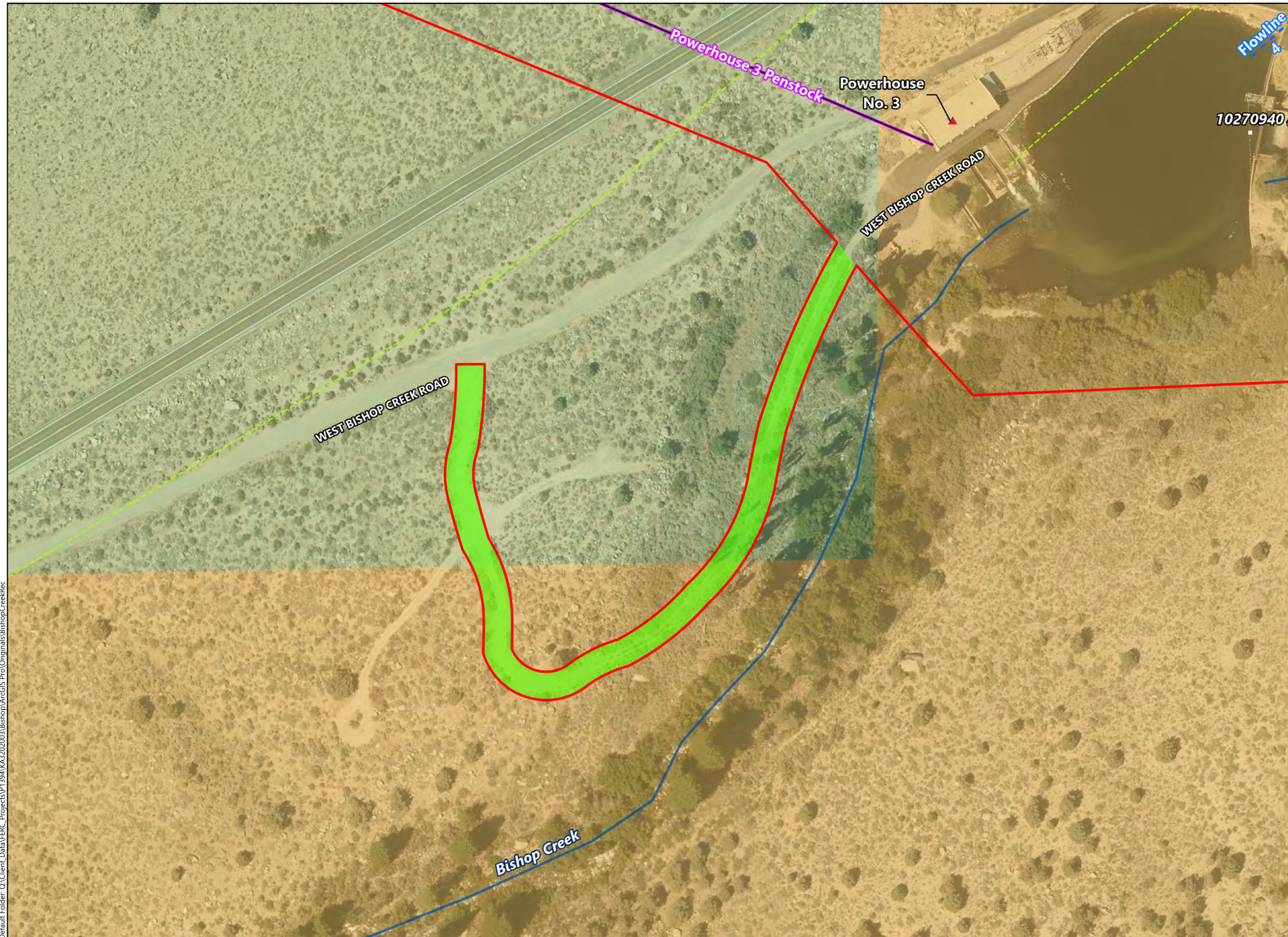
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Feet

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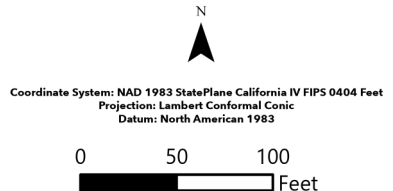
- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
- Inyo National Forest
- BLM Lands
- USFS Trails

- Inyo NF Recreation Sites**
- Boating - Non-Motorized
  - Boating - Motorized
  - Tent Camping
  - Group Camping
  - RV Camping
  - Trailhead
  - Interpretive Area
  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center















## ROAD - 6

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**



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-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

- Inyo NF Recreation Sites**
-  Boating - Non-Motorized
  -  Boating - Motorized
  -  Tent Camping
  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



**ROAD - 7**

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

N

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983

0      12.5      25  
Feet



Default Folder: Q:\Client\_Data\FERC\_Projects\1394\KAS202003\Bishop\ArcGIS Pro\Originals\BishopCreekRec

John Muir  
Wilderness

- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
- Inyo National Forest
- BLM Lands
- USFS Trails

- Inyo NF Recreation Sites
- Boating - Non-Motorized
  - Boating - Motorized
  - Tent Camping
  - Group Camping
  - RV Camping
  - Trailhead
  - Interpretive Area
  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center

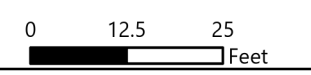


### ROAD - 8

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**


























Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983



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10268225

-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

- Inyo NF Recreation Sites**
-  Boating - Non-Motorized
  -  Boating - Motorized
  -  Tent Camping
  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



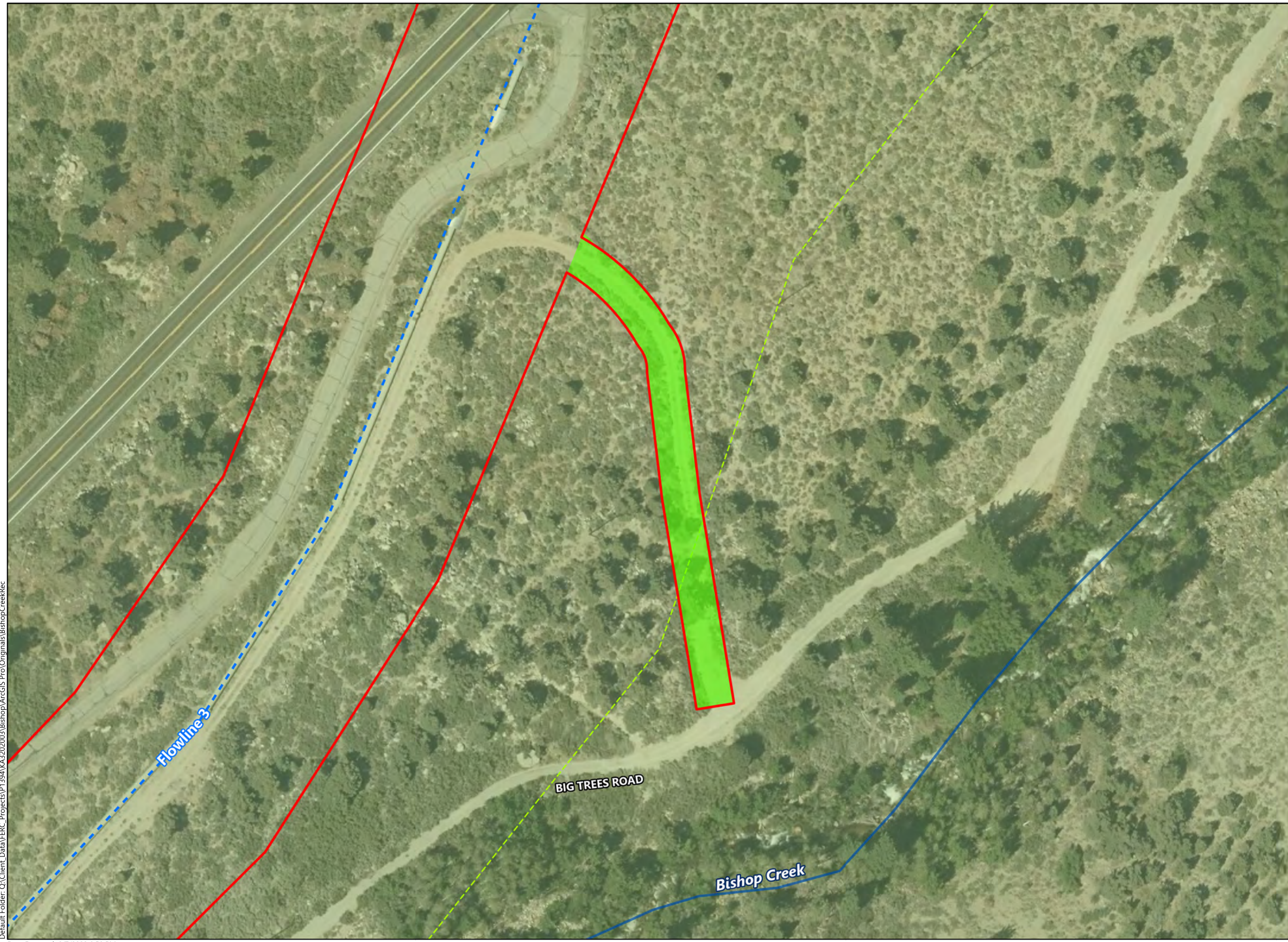
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**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

N

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983

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Feet



Default Folder: Q:\Client\_Data\FERC\_Projects\1394\KAS202003\Bishop\ArcGIS Pro\Originals\BishopCreek\Rec

- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
- Inyo National Forest
- BLM Lands
- USFS Trails

- Inyo NF Recreation Sites**
- Boating - Non-Motorized
  - Boating - Motorized
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  - Group Camping
  - RV Camping
  - Trailhead
  - Interpretive Area
  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center

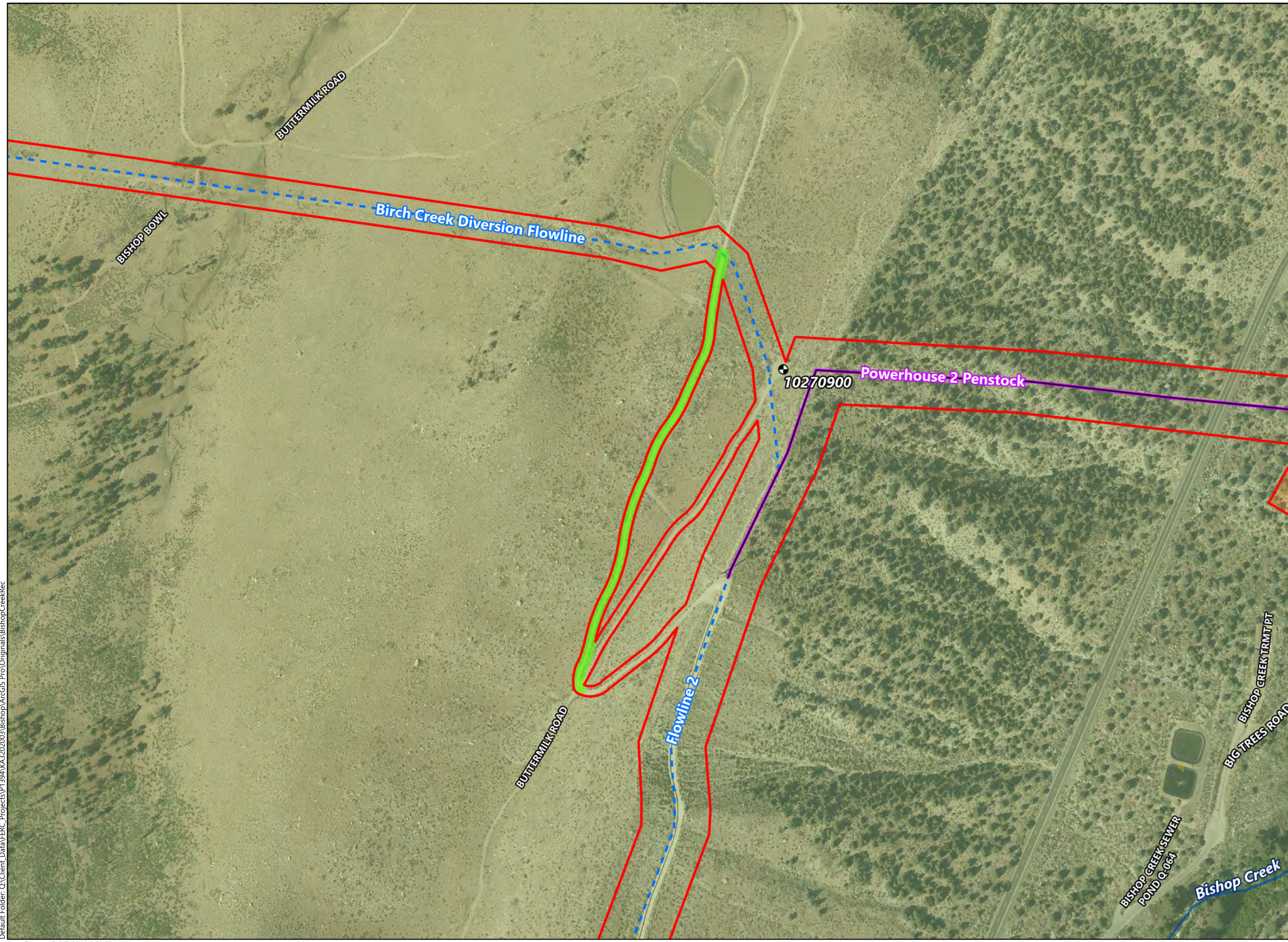
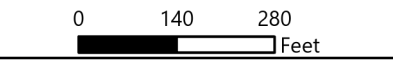


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**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

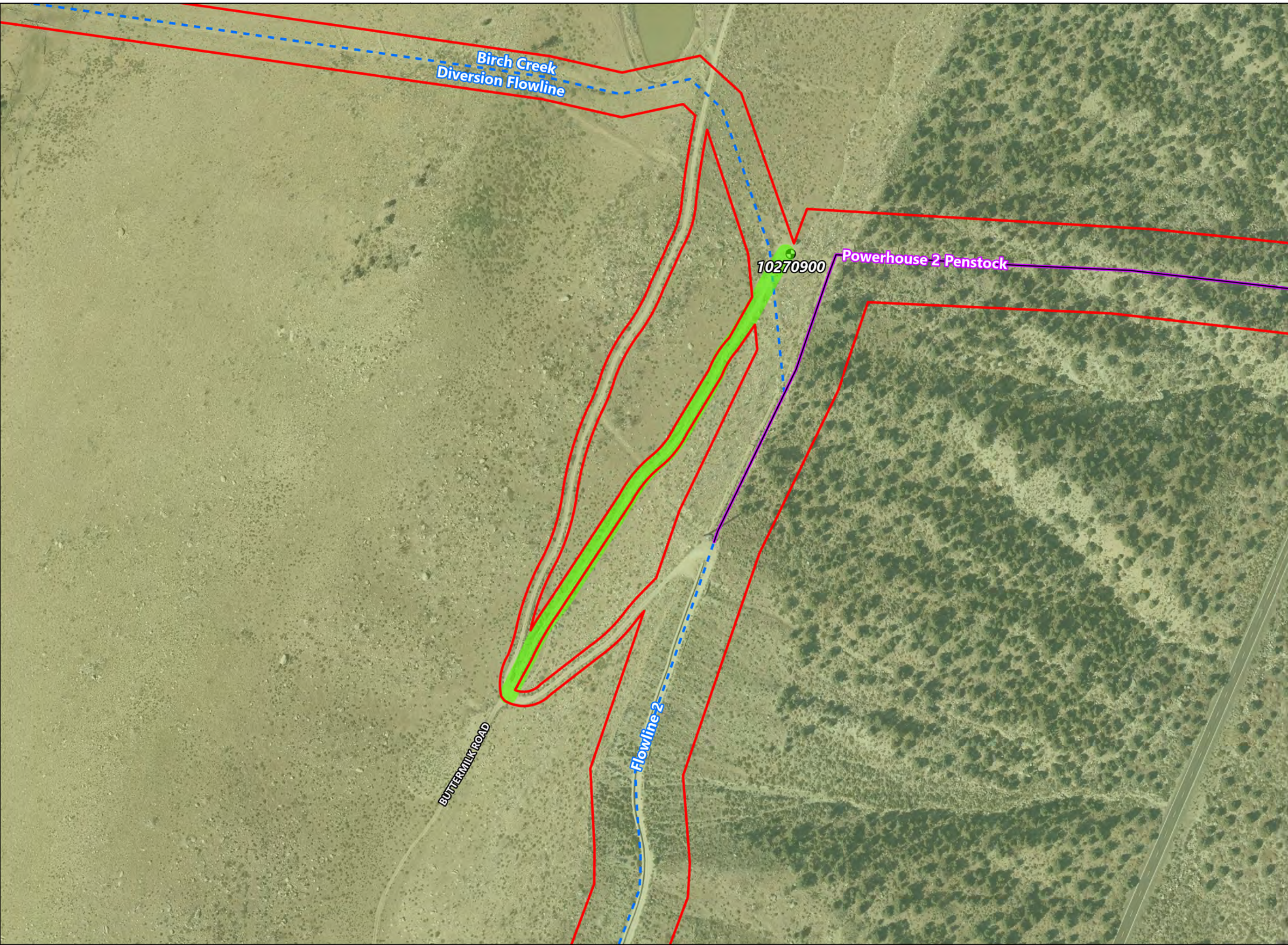


Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983



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Default Folder: Q:\Client\_Data\FERC\_Projects\1394\KA3202003\Bishop\ArcGIS Pro\Originals\BishopCreek\Rec



- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
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- BLM Lands
- USFS Trails

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  - RV Camping
  - Trailhead
  - Interpretive Area
  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center



# ROAD - 11

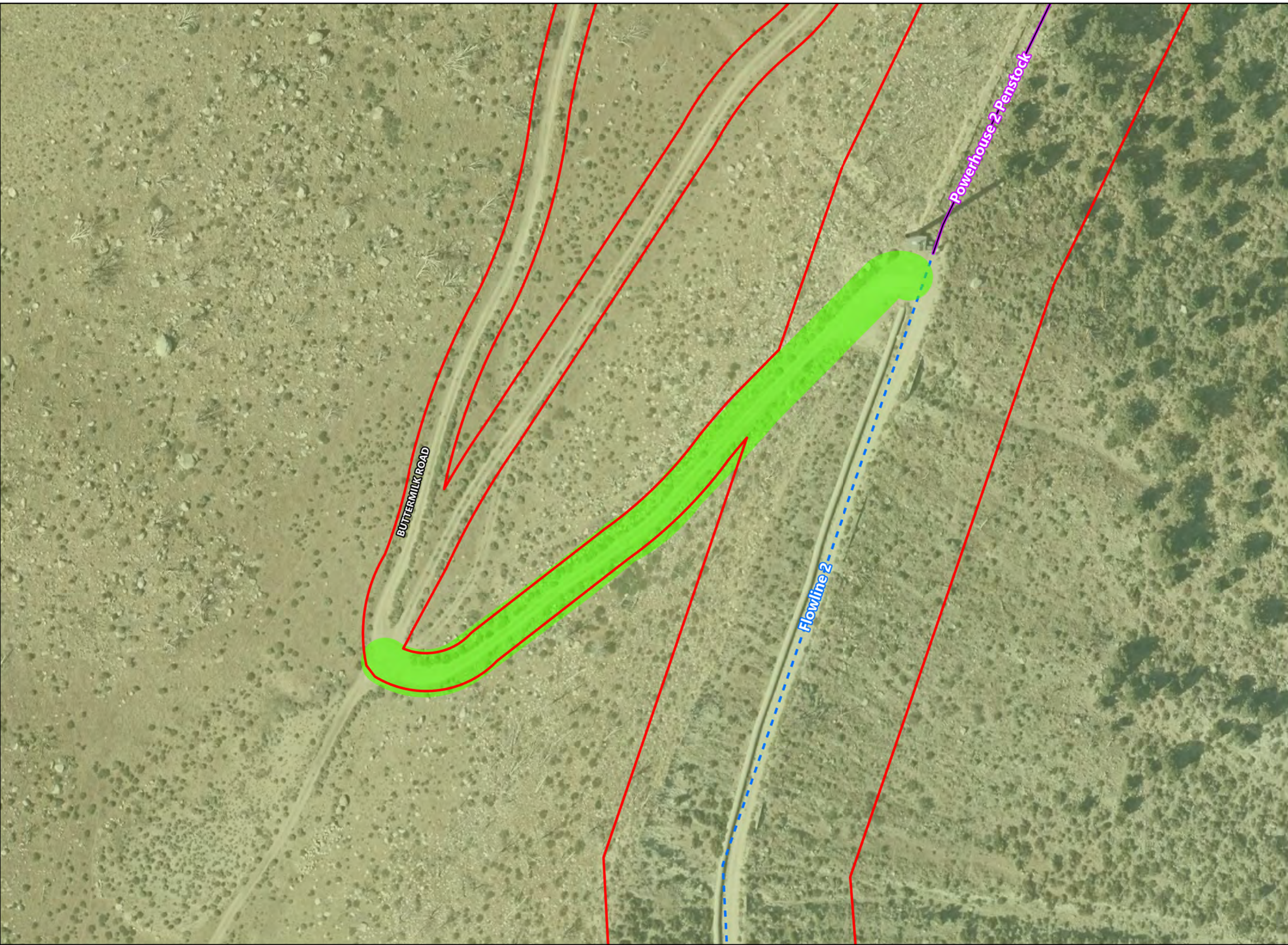
**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**















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Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983

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Feet

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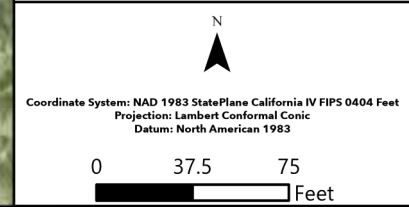
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-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

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  -  Boating - Motorized
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  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center

















# ROAD - 12












**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**



Default Folder: Q:\Client\_Data\FERC\_P\Projects\1394\KA3202003\Bishop\ArcGIS Pro\Originals\BishopCreekRec



-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

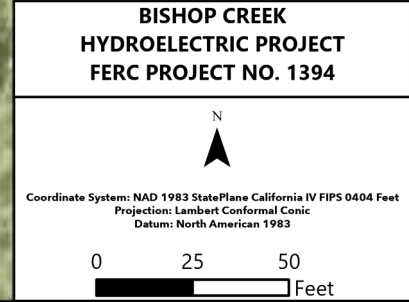
- Inyo NF Recreation Sites**
-  Boating - Non-Motorized
  -  Boating - Motorized
  -  Tent Camping
  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



**ROAD - 13**












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**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**





-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
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-  Inyo National Forest
-  BLM Lands
-  USFS Trails

- Inyo NF Recreation Sites**
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  -  Boating - Motorized
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  -  Group Camping
  -  RV Camping
  -  Trailhead
  -  Interpretive Area
  -  Fishing Access
  -  Day Use Area
  -  Viewing Scenery
  -  Visitor Center



## ROAD - 14

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

N

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983

0      50      100  
Feet



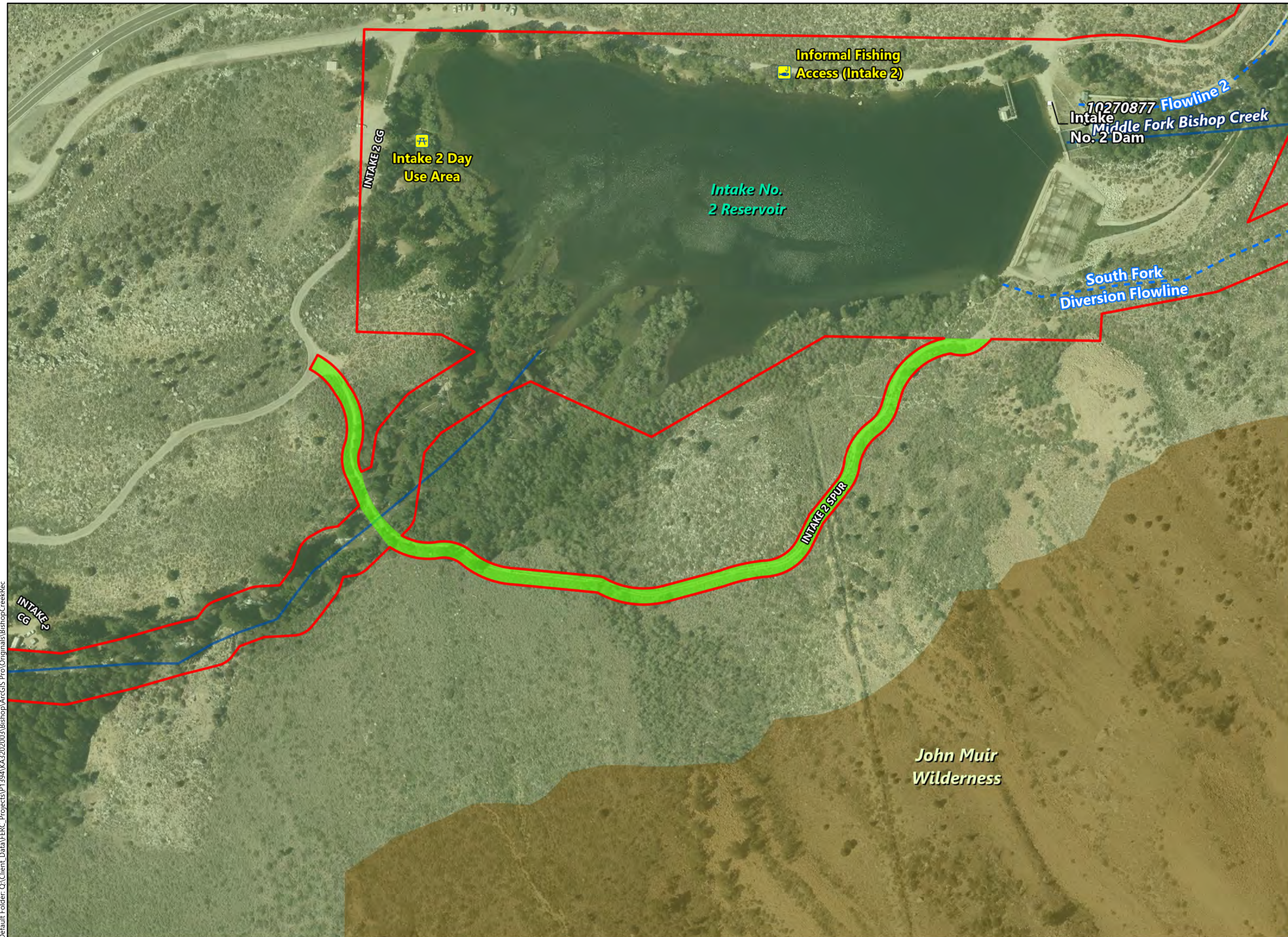
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2 Reservoir**

**Intake  
No. 2  
Dam** 10270877

**Flowline 2**

**Middle Fork Bishop Creek**

**South Fork  
Diversion Flowline**



- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
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- Wilderness Area (Inyo NF)
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- Inyo NF Recreation Sites**
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  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center



ROAD - 15

BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983

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Feet

Default Folder: Q:\Client\_Data\FERC\_Projects\1394\KAS202003\Bishop\ArcGIS Pro\Originals\BishopCreek\Rec

- Proposed Addition of Project Lands
- Proposed Removal of Project Lands
- Proposed Accuracy Improvement
- FERC Project Boundary (Proposed)
- Diversion
- Dam
- Flowline
- Penstock
- Transmission Lines
- Wilderness Area (Inyo NF)
- SCE Land Ownership
- Inyo National Forest
- BLM Lands
- USFS Trails

- Inyo NF Recreation Sites**
- Boating - Non-Motorized
  - Boating - Motorized
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  - RV Camping
  - Trailhead
  - Interpretive Area
  - Fishing Access
  - Day Use Area
  - Viewing Scenery
  - Visitor Center



**ROAD - 16**

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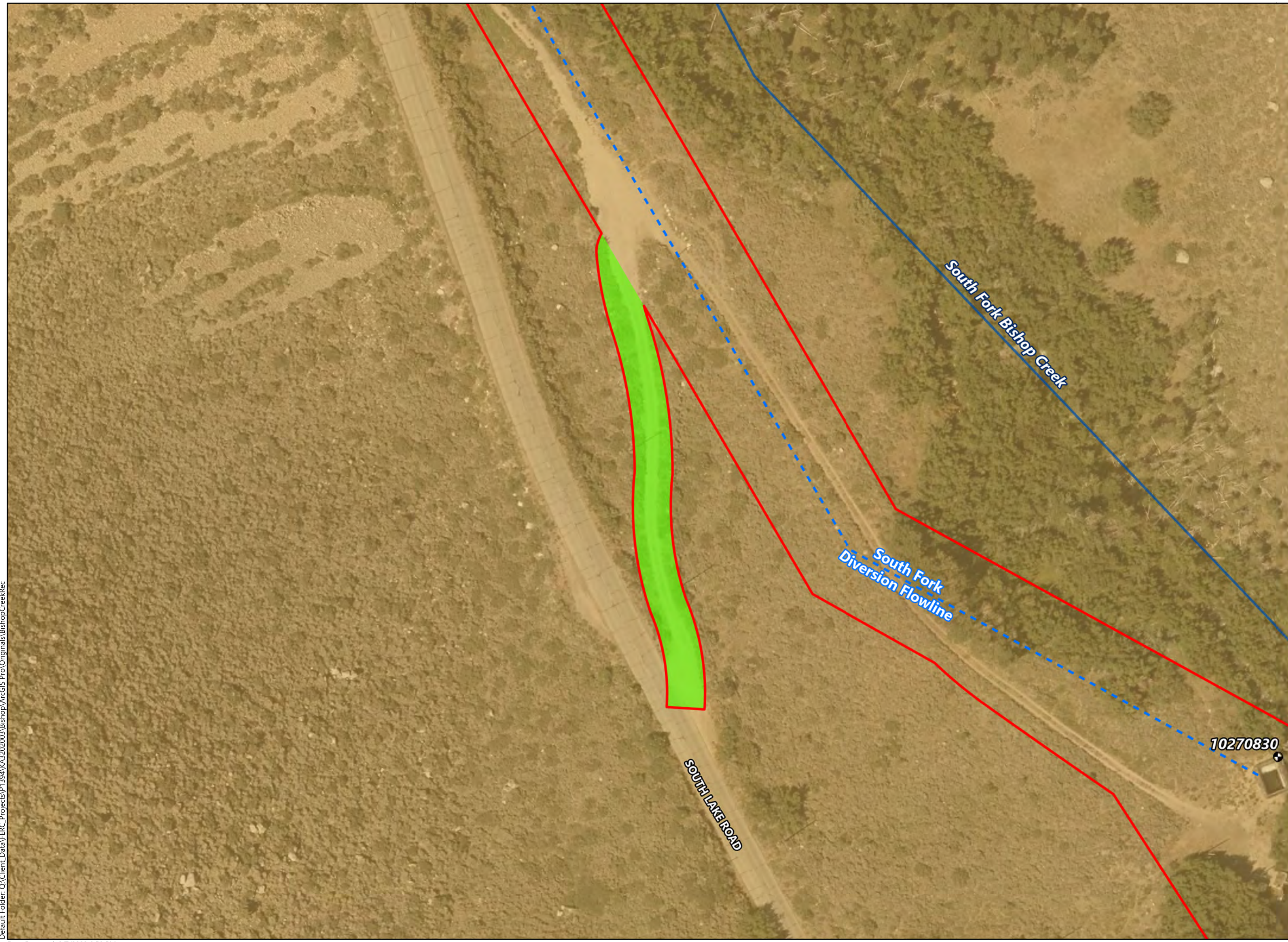
**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

N

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983

0
37.5
75

Feet



John Muir  
Wilderness

10270872

Sabrina Basin Trailhead

LK SABRINA OVERFLOW PK

LAKE SABRINA ROAD




Middle Fork Bishop Creek

SABRINA BASIN TRAIL












Sabrina Dam

Lake Sabrina

John Muir  
Wilderness

-  Proposed Addition of Project Lands
-  Proposed Removal of Project Lands
-  Proposed Accuracy Improvement
-  FERC Project Boundary (Proposed)
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  Wilderness Area (Inyo NF)
-  SCE Land Ownership
-  Inyo National Forest
-  BLM Lands
-  USFS Trails

**Inyo NF Recreation Sites**

-  Boating - Non-Motorized
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-  Group Camping
-  RV Camping
-  Trailhead
-  Interpretive Area
-  Fishing Access
-  Day Use Area
-  Viewing Scenery
-  Visitor Center

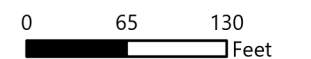


**TRAIL - 1**

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**


















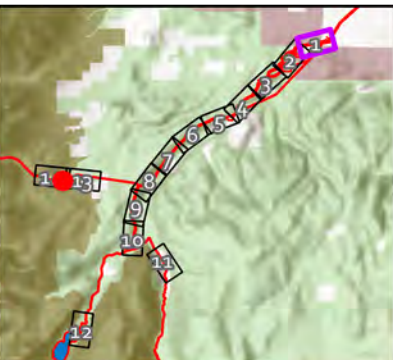
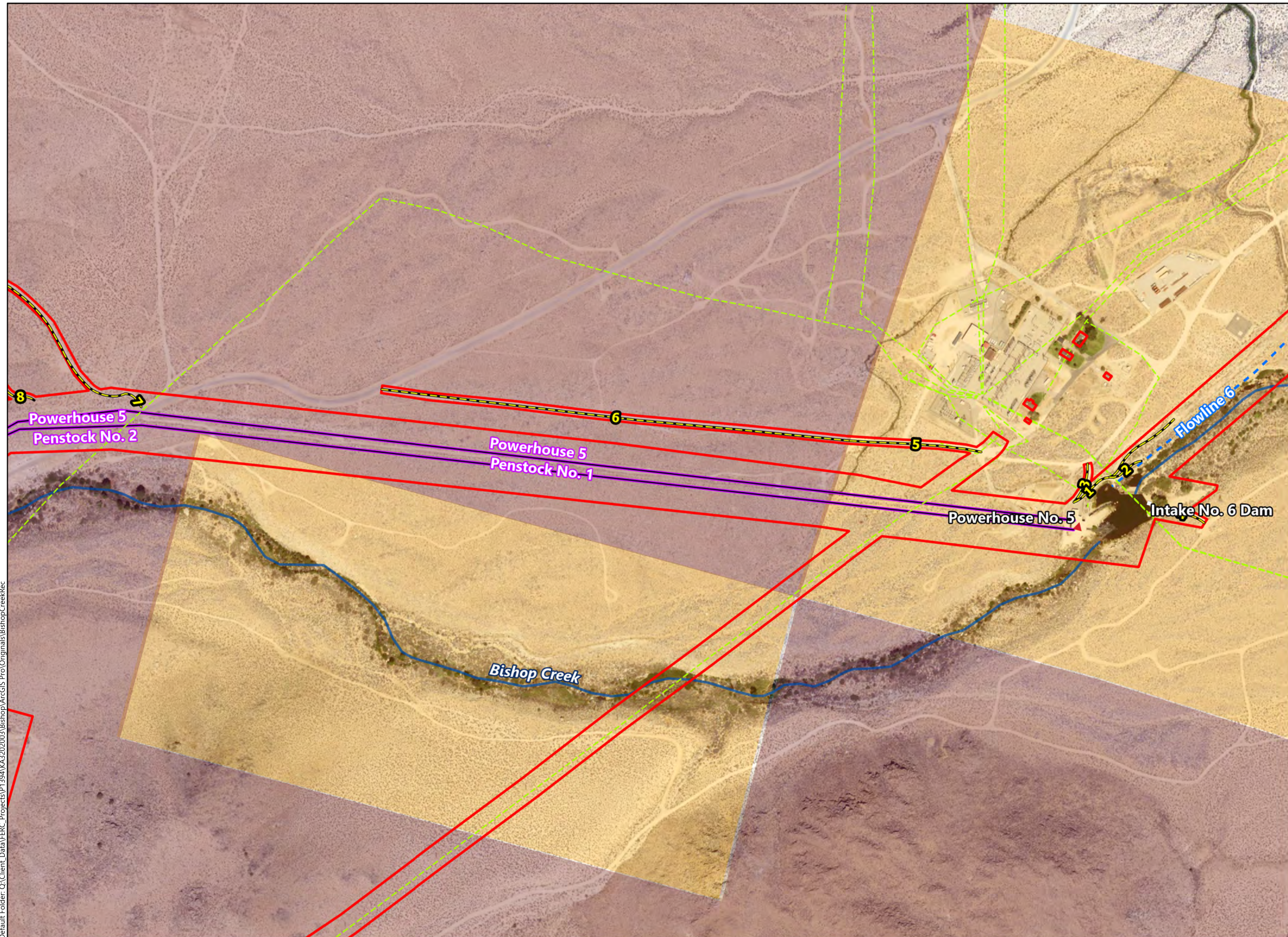
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**APPENDIX B**

**MAPS OF PROPOSED ROAD OR TRAIL**

-  FERC Project Boundary (Proposed)
-  Proposed Project Trails
-  Proposed Project Roads
-  Stream/Reservoir Gage
-  Powerhouse
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  USFS Trails
-  SCE Land Ownership
-  Wilderness Area (Inyo NF)
-  Inyo National Forest
-  BLM Lands



**PLANT 5**  
**SHEET 1**
















**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

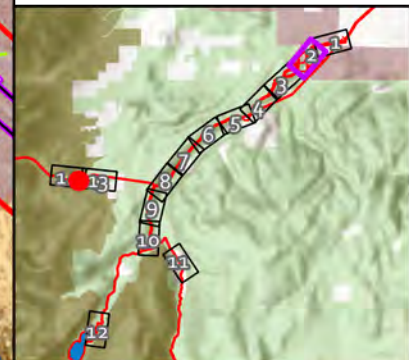
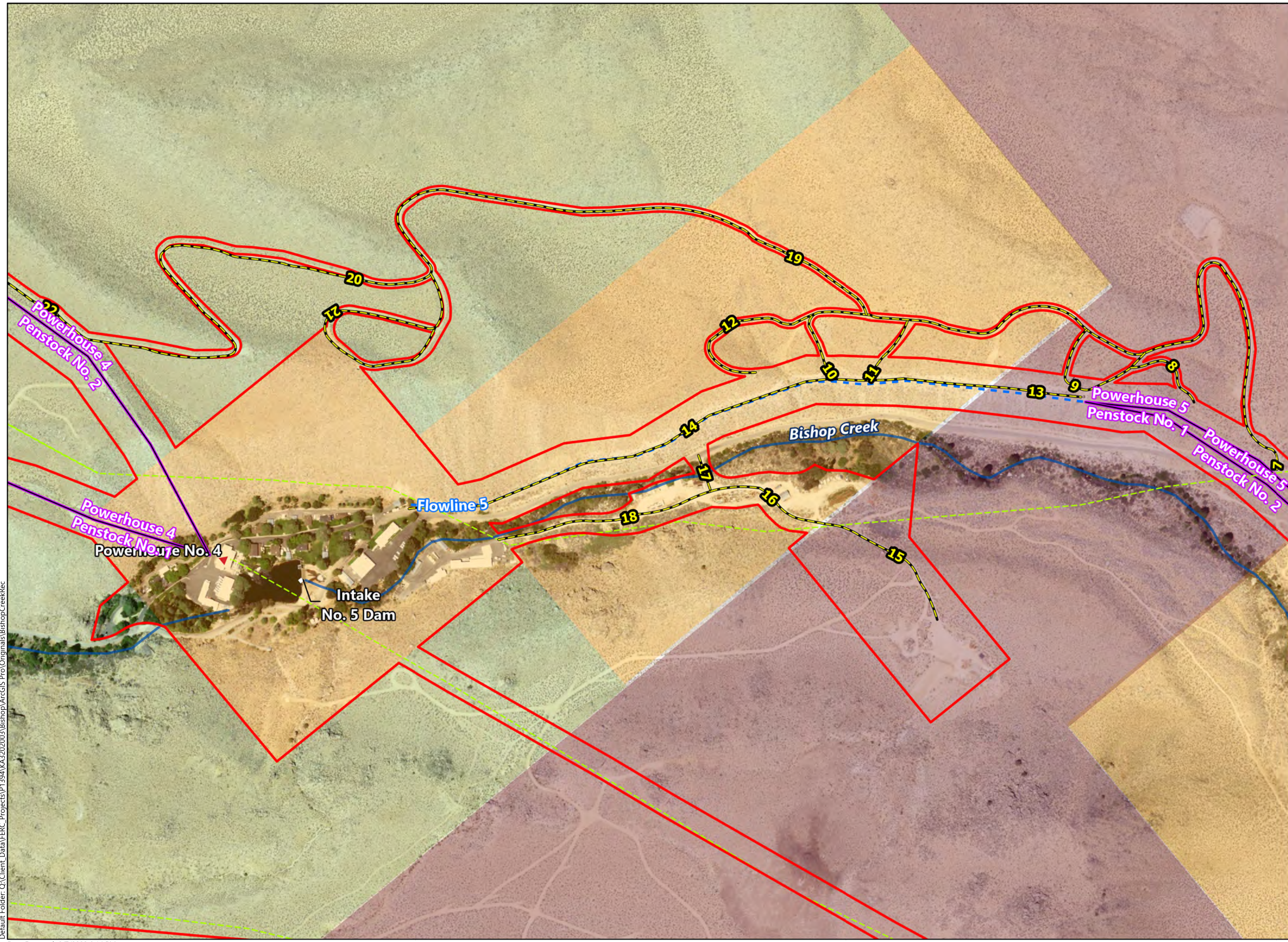
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Datum: North American 1983

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Feet

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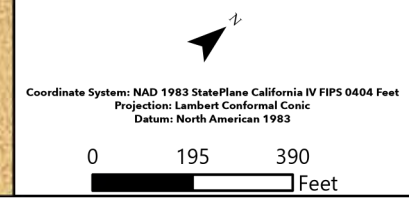
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-  Proposed Project Trails
-  Proposed Project Roads
-  Stream/Reservoir Gage
-  Powerhouse
-  Diversion
-  Dam
-  Flowline
-  Penstock
-  Transmission Lines
-  USFS Trails
-  SCE Land Ownership
-  Wilderness Area (Inyo NF)
-  Inyo National Forest
-  BLM Lands



**PLANT 4**

**SHEET 2**

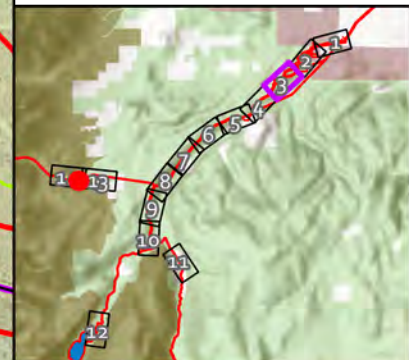
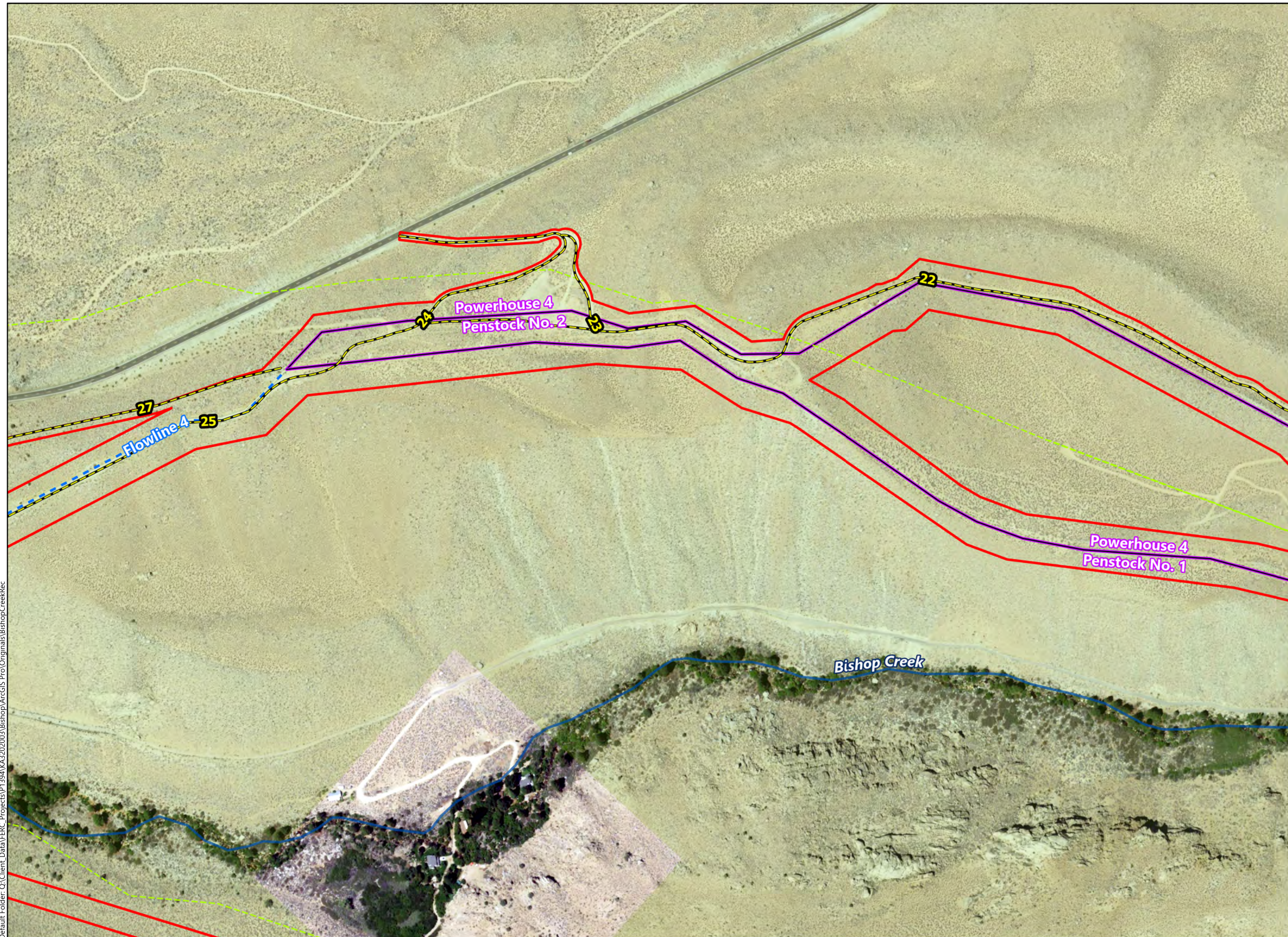
**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**



Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet  
Projection: Lambert Conformal Conic  
Datum: North American 1983

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- FERC Project Boundary (Proposed)
- Proposed Project Trails
- Proposed Project Roads
- Stream/Reservoir Gage
- Powerhouse
- Diversion
- Dam
- Flowline
- Penstock
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- Wilderness Area (Inyo NF)
- Inyo National Forest
- BLM Lands



**FLOWLINE 4 &  
POWERHOUSE 4  
PENSTOCKS**

**SHEET 3**














**BISHOP CREEK  
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FERC PROJECT NO. 1394**

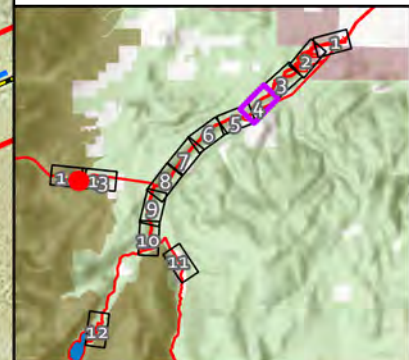
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 Datum: North American 1983

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 Feet

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-  FERC Project Boundary (Proposed)
-  Proposed Project Trails
-  Proposed Project Roads
-  Stream/Reservoir Gage
-  Powerhouse
-  Diversion
-  Dam
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-  Penstock
-  Transmission Lines
-  USFS Trails
-  SCE Land Ownership
-  Wilderness Area (Inyo NF)
-  Inyo National Forest
-  BLM Lands

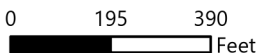


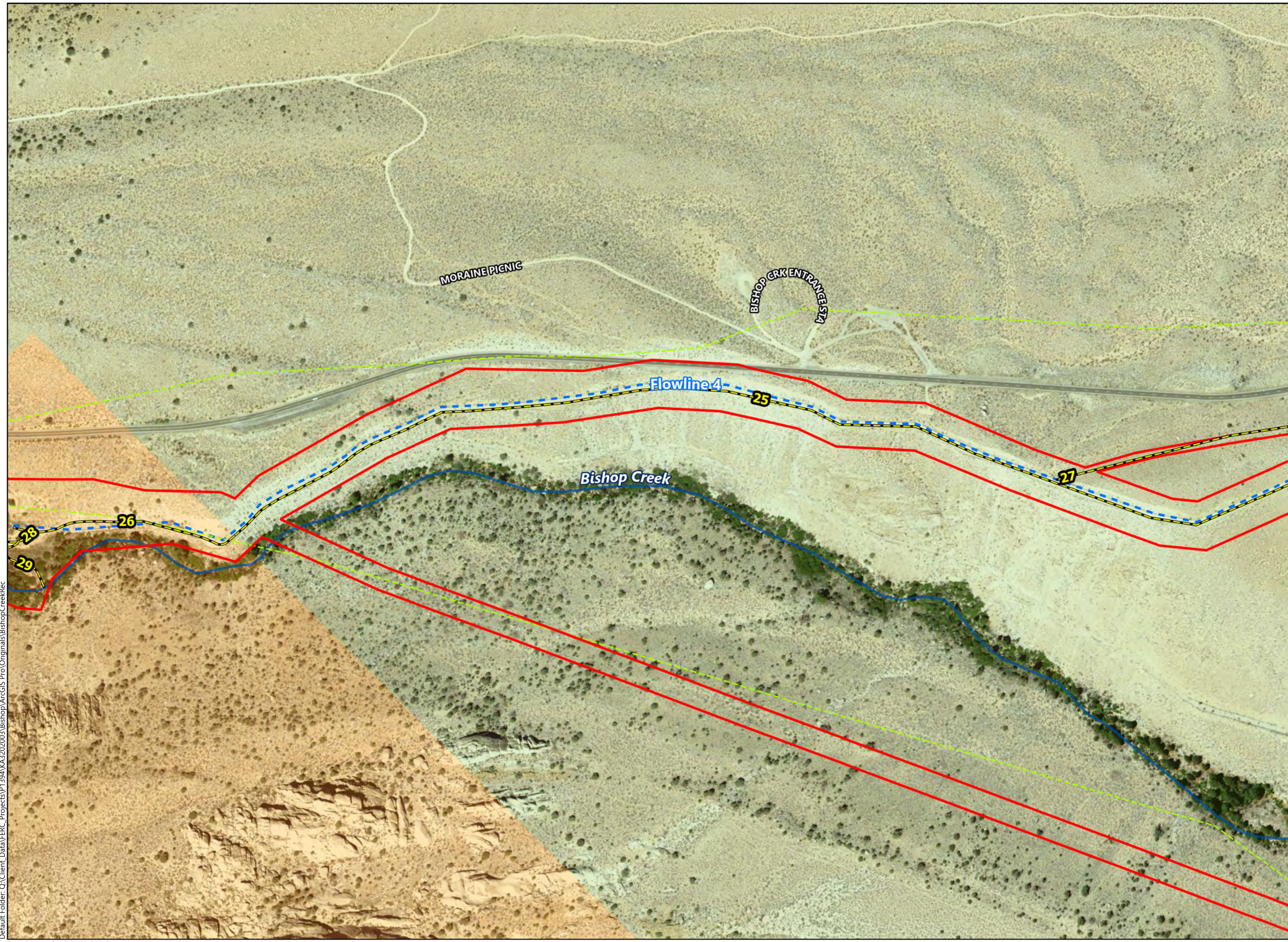
**FLOWLINE 4**

**SHEET 4**

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

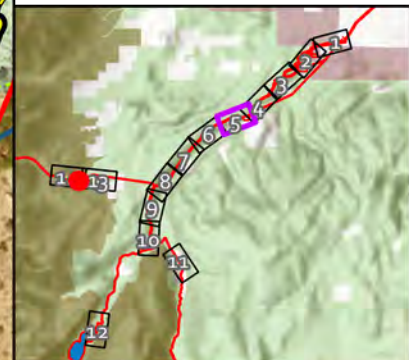
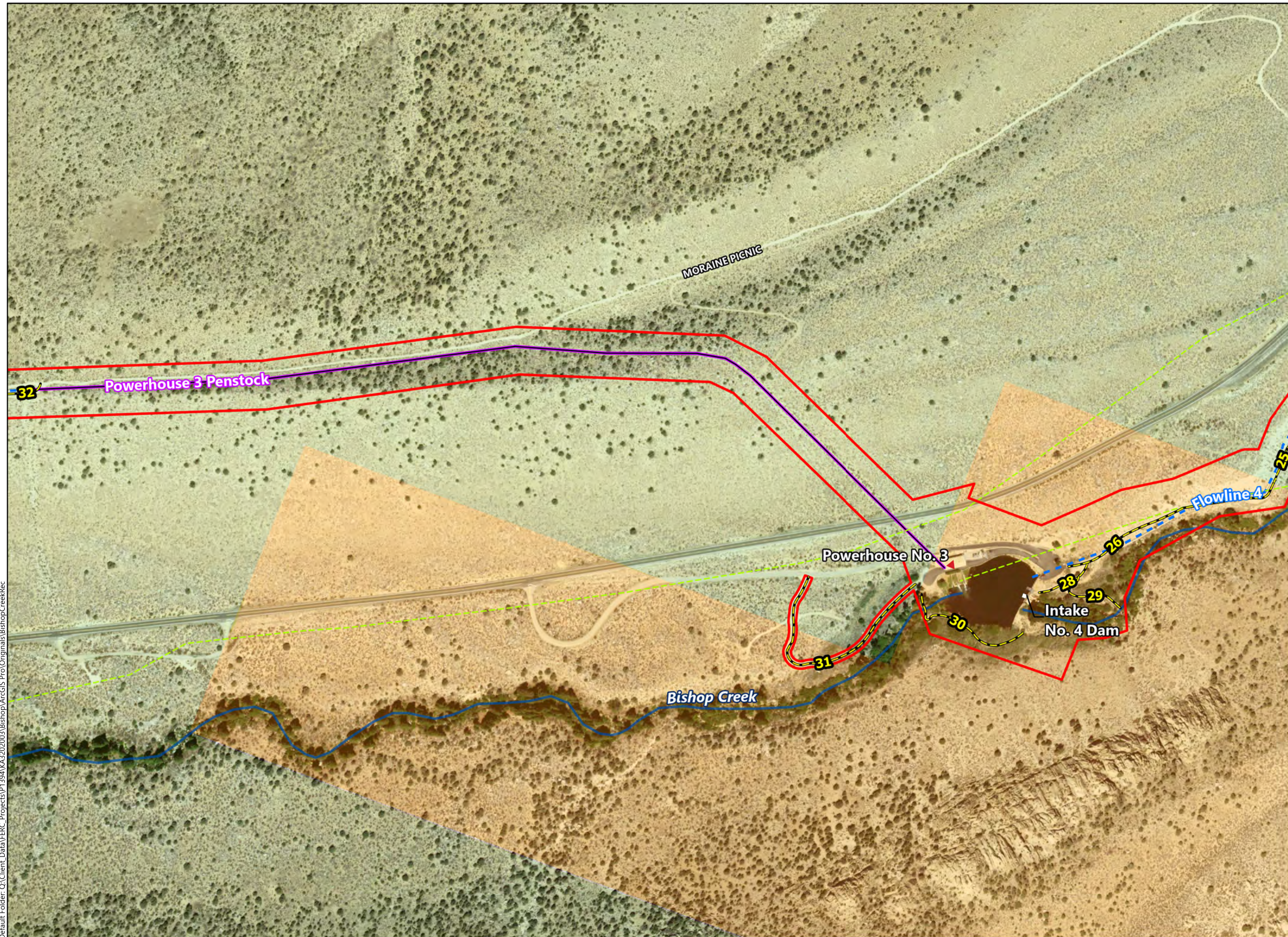
  
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 Datum: North American 1983

  
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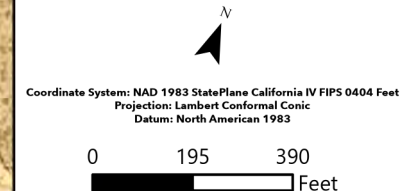
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- FERC Project Boundary (Proposed)
- Proposed Project Trails
- Proposed Project Roads
- Stream/Reservoir Gauge
- ▲ Powerhouse
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- Inyo National Forest
- BLM Lands

















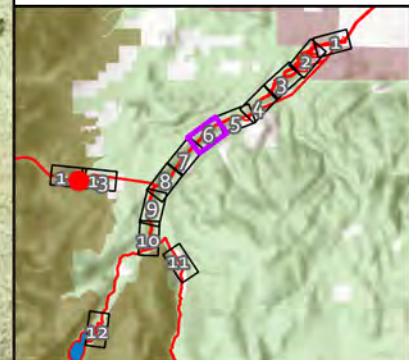
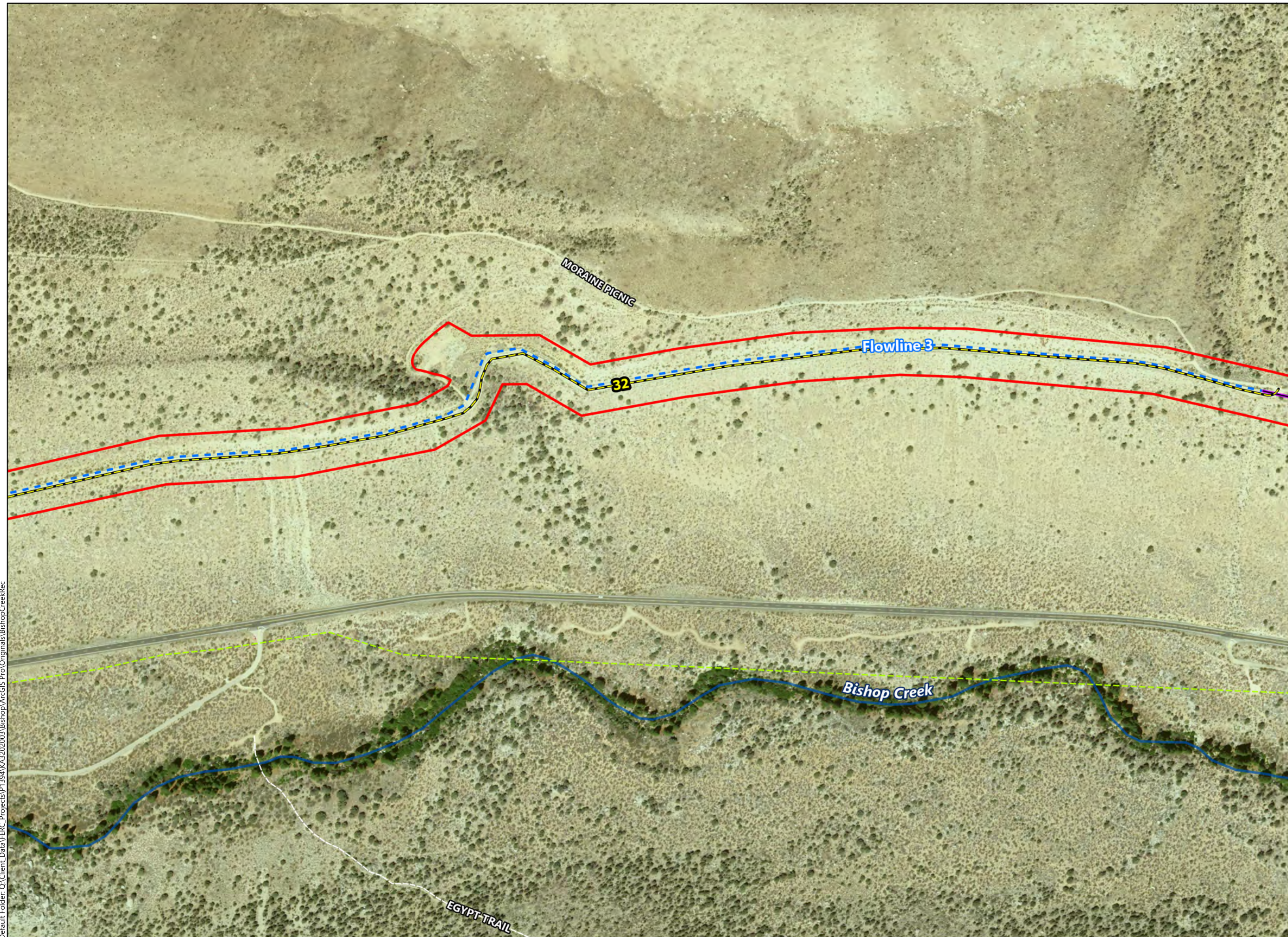
**PLANT 3**  
**SHEET 5**

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**



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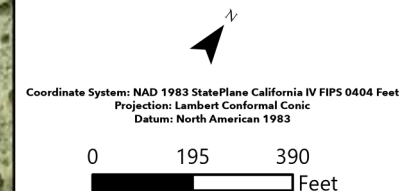
-  FERC Project Boundary (Proposed)
-  Proposed Project Trails
-  Proposed Project Roads
-  Stream/Reservoir Gage
-  Powerhouse
-  Diversion
-  Dam
-  Flowline
-  Penstock
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-  USFS Trails
-  SCE Land Ownership
-  Wilderness Area (Inyo NF)
-  Inyo National Forest
-  BLM Lands



**FLOWLINE 3 (LOWER)**

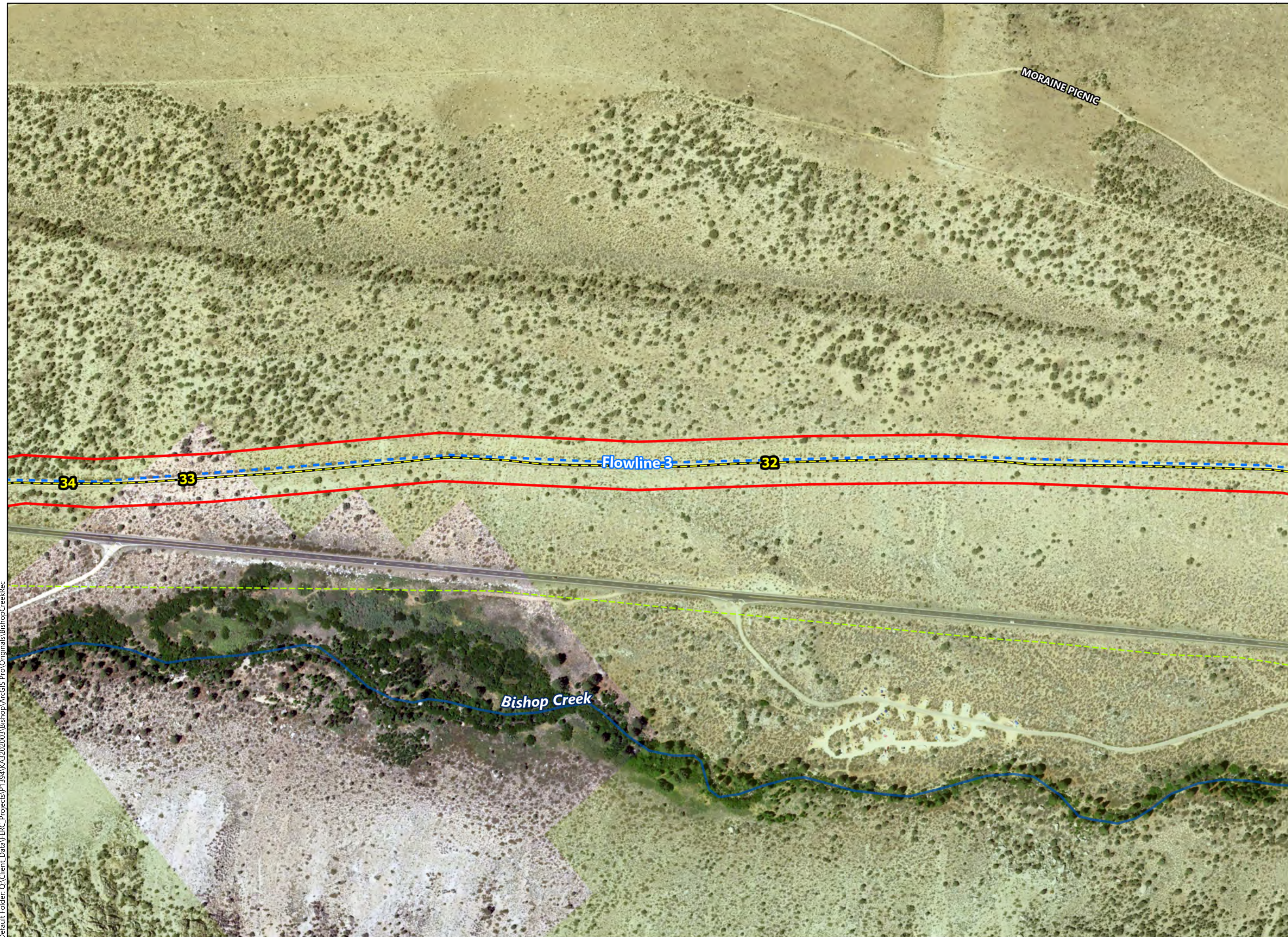
**SHEET 6**
















**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

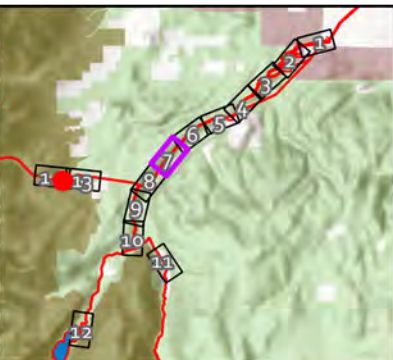


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 Datum: North American 1983

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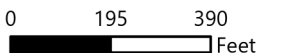


**FLOWLINE 3 (UPPER)**

**SHEET 7**

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

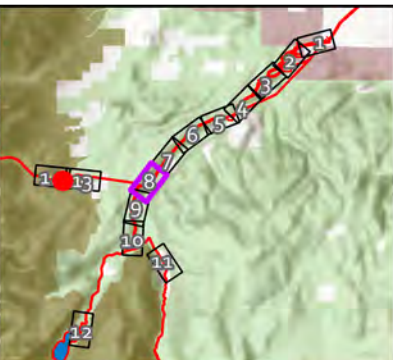
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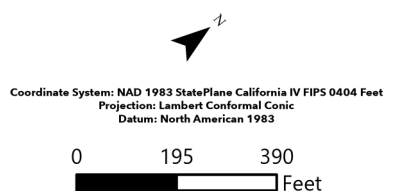


- FERC Project Boundary (Proposed)
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- Dam
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- Penstock
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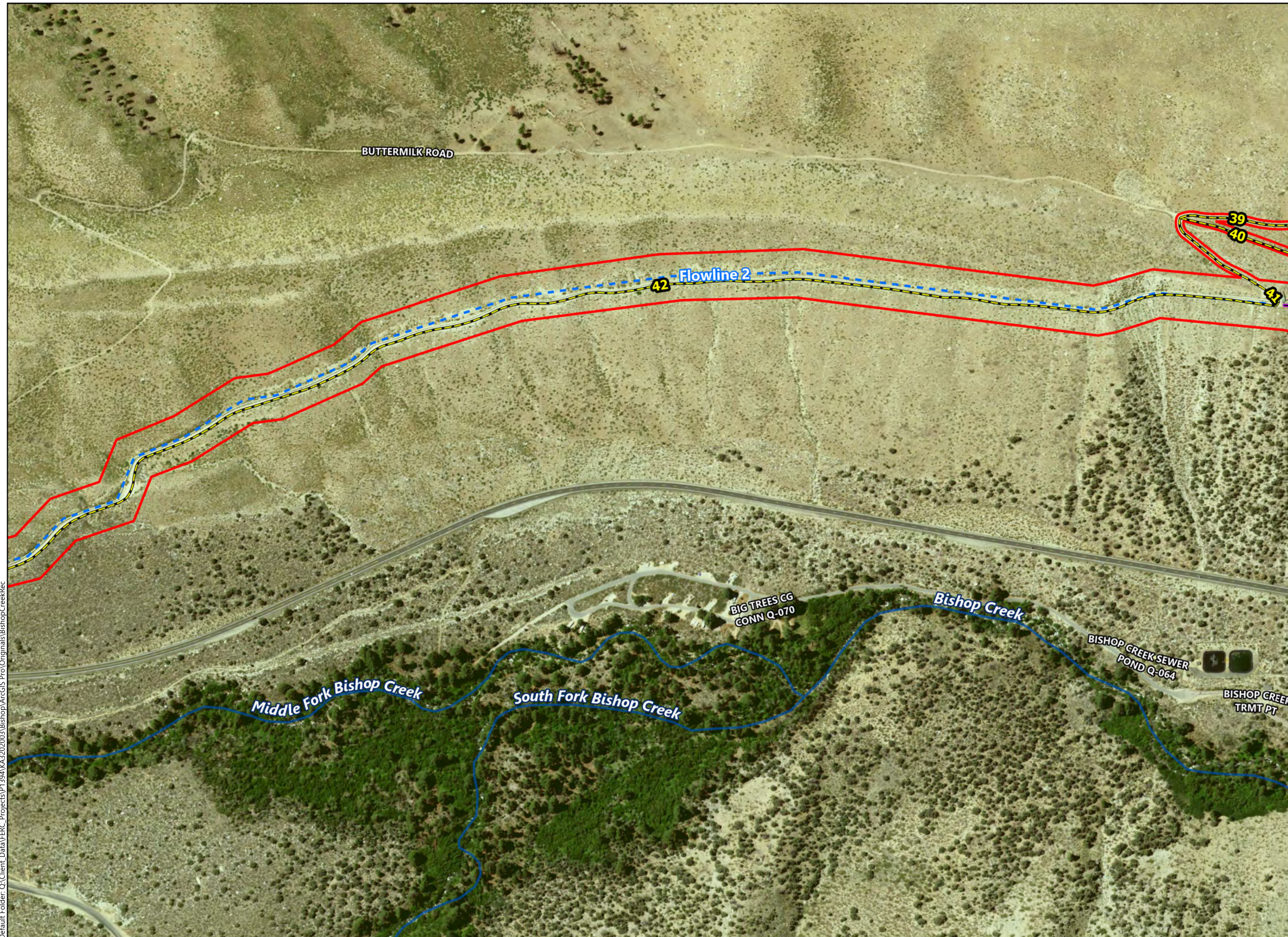


**PLANT 2**  
**SHEET 8**

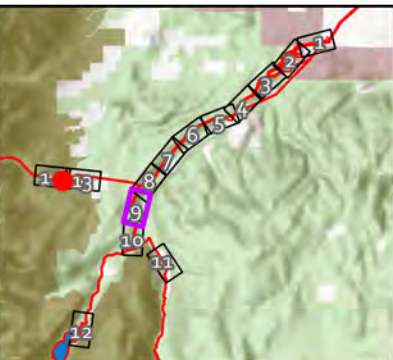
**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**



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- FERC Project Boundary (Proposed)
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**FLOWLINE 2**  
**SHEET 9**















**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

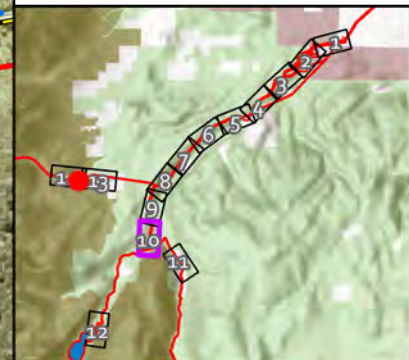
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Datum: North American 1983

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Feet

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-  FERC Project Boundary (Proposed)
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**INTAKE NO. 2  
RESERVOIR**

**SHEET 10**

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

N

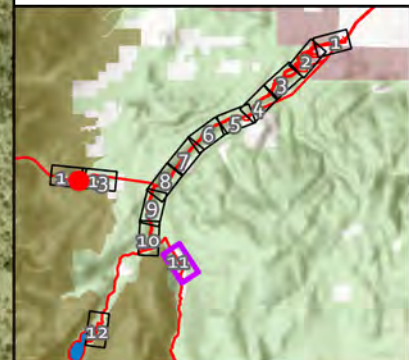
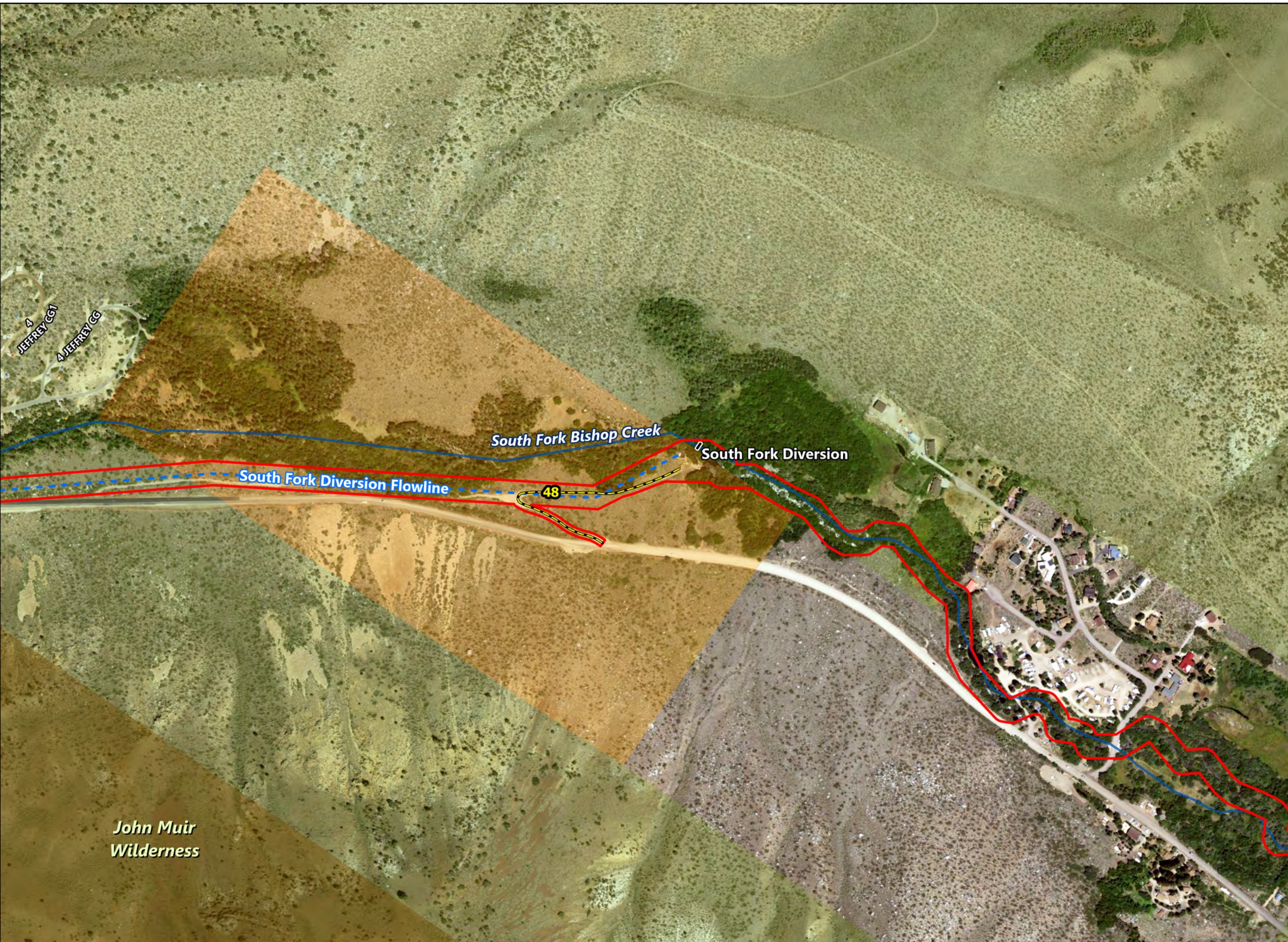
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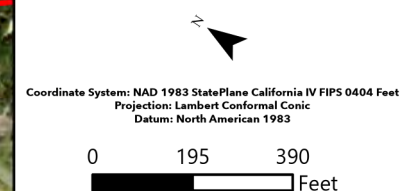
- FERC Project Boundary (Proposed)
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**SOUTH FORK  
DIVERSION**

**SHEET 11**
















**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

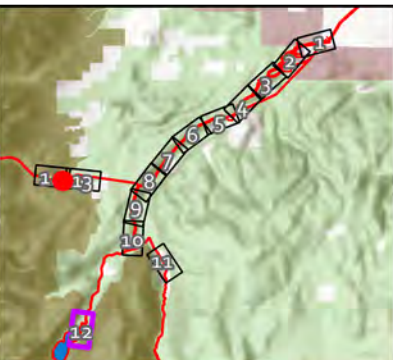


*John Muir  
Wilderness*

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-  FERC Project Boundary (Proposed)
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**LAKE SABRINA**

**SHEET 12**

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**

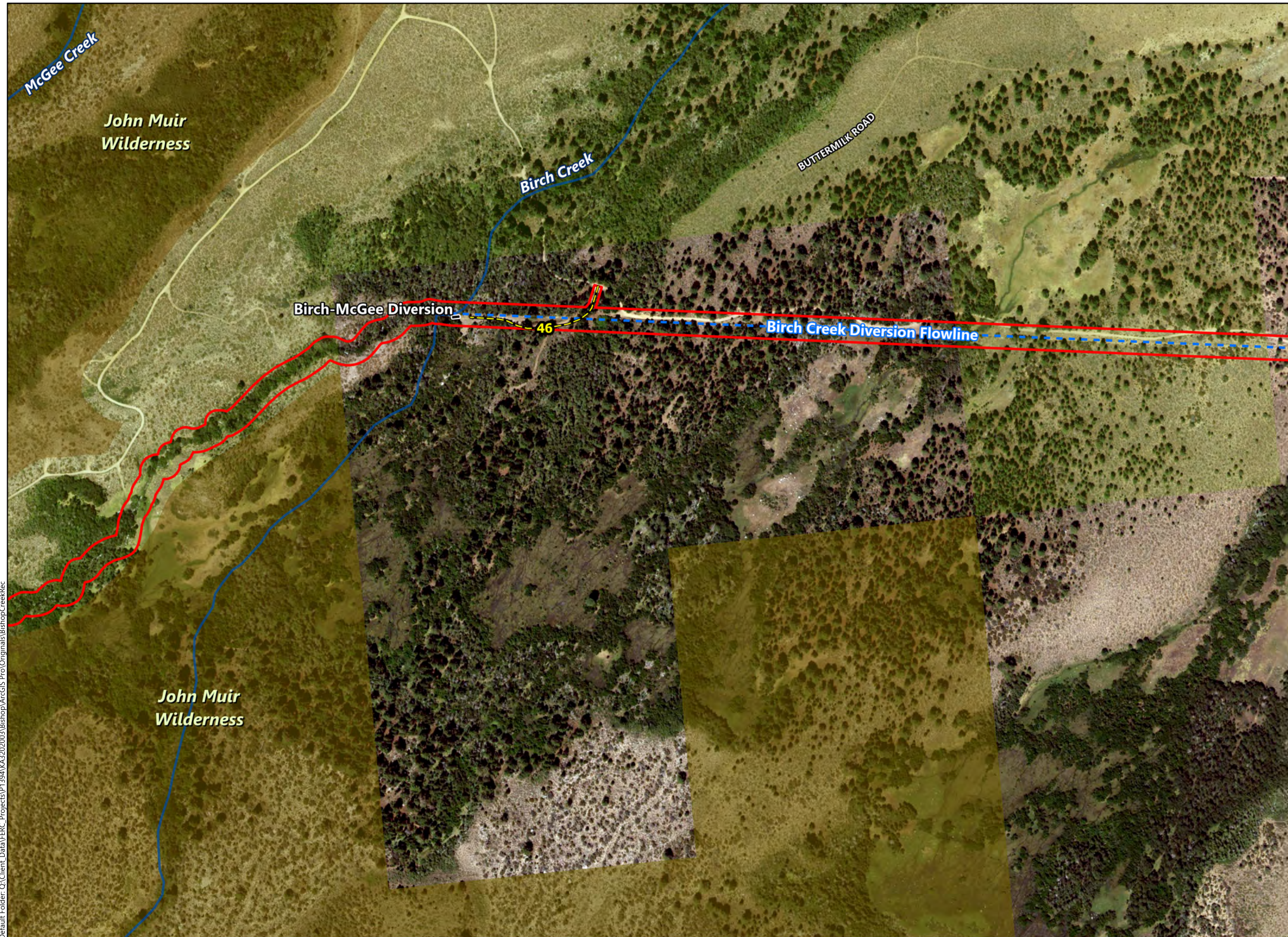


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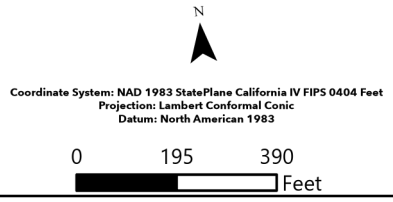
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



**BIRCH-MCGEE  
DIVERSION**

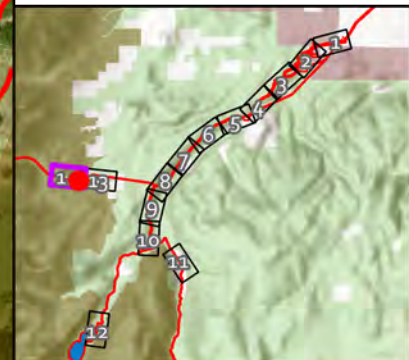
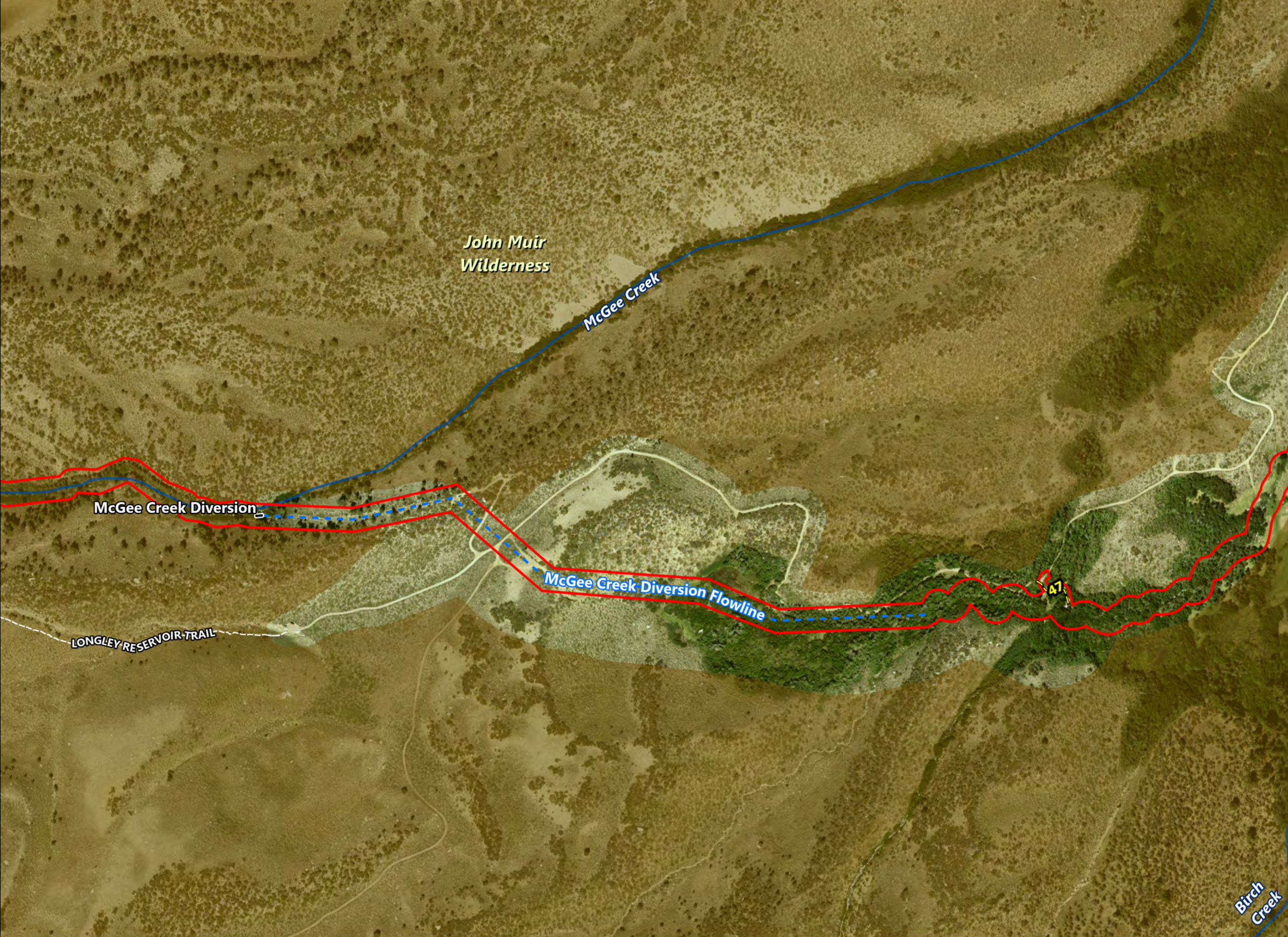
**SHEET 13**

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**



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-  FERC Project Boundary (Proposed)
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**MC GEE CREEK  
DIVERSION**

**SHEET 14**

**BISHOP CREEK  
HYDROELECTRIC PROJECT  
FERC PROJECT NO. 1394**



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Projection: Lambert Conformal Conic  
Datum: North American 1983



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