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# **REC 1 – RECREATION FACILITY CONDITION ASSESSMENT TECHNICAL MEMORANDUM**

**KERN RIVER NO. 1 HYDROELECTRIC PROJECT  
*FERC PROJECT NO. 1930***

***PREPARED FOR:***



**February 2025**

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## List of Acronyms

ABAAS	Architectural Barriers Act Accessibility Standards
ADA	Americans with Disabilities Act
FERC	Federal Energy Regulatory Commission
FSORAG	Forest Service Outdoor Recreation Accessibility Guidelines
KR1	Kern River No. 1
ODAAG	Outdoor Developed Area Accessibility Guidelines
Project	Kern River No. 1 Hydroelectric Project Relicensing, FERC Project No. 1930
REC 1 TSP	REC 1 – Recreation Facility Condition Assessment Technical Study Plan
RSP	Revised Study Plan
SCE	Southern California Edison
SPD	Study Plan Determination
SQF	Sequoia National Forest
SR-178	State Route 178
TSP	Technical Study Plan

## 1.0 INTRODUCTION

This REC 1 – Recreation Facility Condition Assessment Technical Memorandum provides the methods and findings of the REC 1 – Recreation Facility Condition Assessment Technical Study Plan (REC 1 TSP). The REC 1 TSP was conducted in support of Southern California Edison’s (SCE) Kern River No. 1 (KR1) Hydroelectric Project (Project) relicensing, Federal Energy Regulatory Commission (FERC) Project No. 1930. The REC 1 TSP was included in SCE’s Revised Study Plan (RSP) submitted to FERC on February 13, 2024 (SCE 2024). In its March 14, 2024, Study Plan Determination (SPD), FERC approved the REC 1 TSP without modifications (FERC 2024).

The recreation facility condition assessment was conducted in September 2024. All data collection and analysis are complete and summarized below. There are no recreation facilities associated with the Project and none of the four day-use facilities included in this study are within the FERC Project boundary.

## 2.0 STUDY OBJECTIVES

The objectives of the recreation facility condition assessment, as outlined in the REC 1 TSP (SCE 2024), include the following:

- Identify, map, and describe public developed recreation facilities in the vicinity of the Project, including capacity.
- Conduct a facility inventory and condition assessment at the public recreation facilities including overflow parking areas, including an evaluation of signage and public safety features, and an assessment of the condition and potential for universal accessibility.

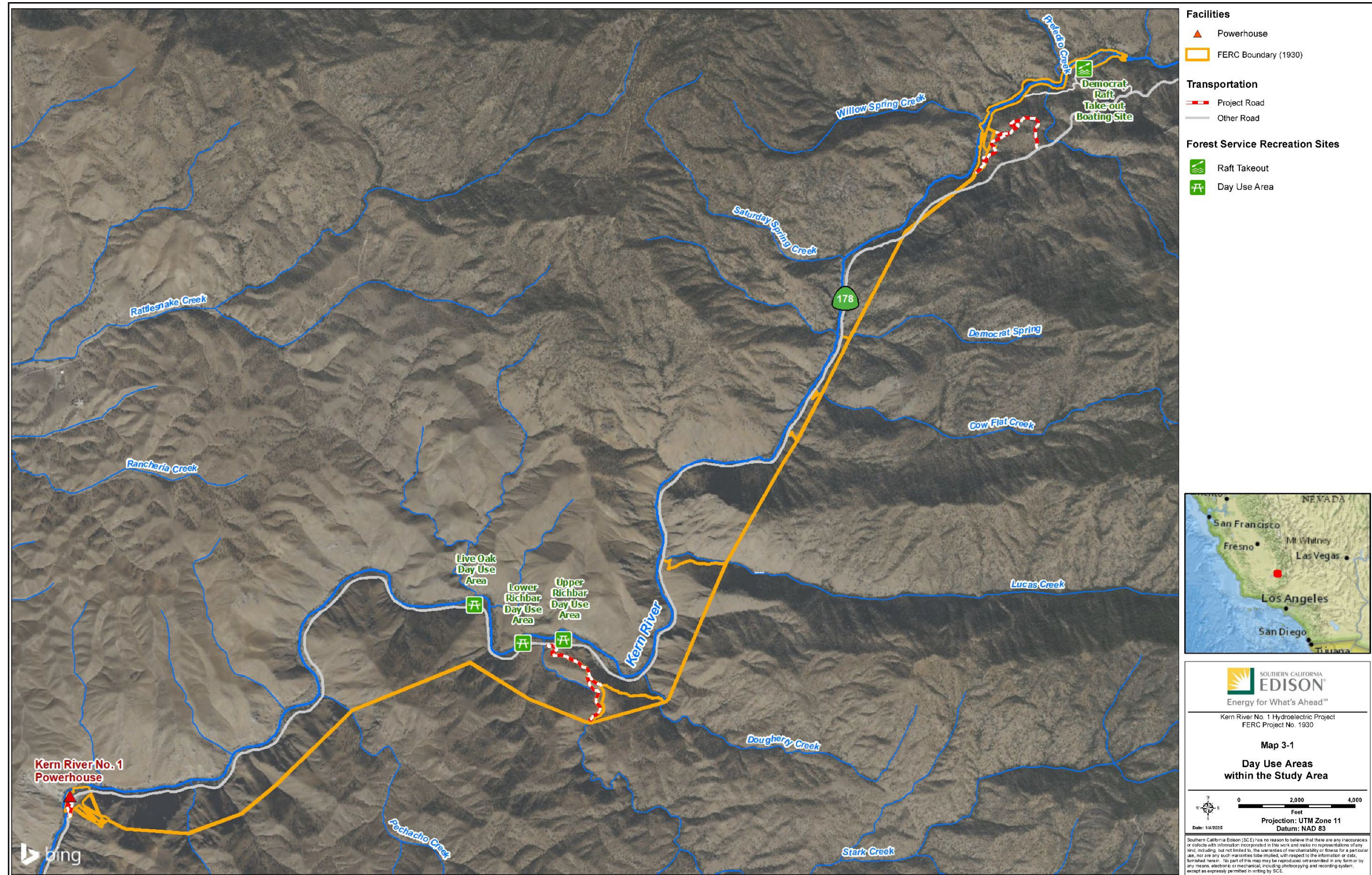
## 3.0 STUDY AREA AND STUDY SITES

The study area and specific study sites are focused on four public day-use facilities (non-Project facilities) along the bypass reach<sup>1</sup> that are owned and operated by the United States Forest Service (Forest Service), Sequoia National Forest (SQF). The bypass reach is an approximately 10.2-mile reach of the lower Kern River from Democrat Dam downstream to the Kern River No. 1 Powerhouse Tailrace. The recreation day-use facility locations are listed below and shown in Map 3-1.

- Democrat Raft Take-out Boating Site (non-Project facility)
- Upper Richbar Day Use Area (non-Project facility)
- Lower Richbar Day Use Area (non-Project facility)
- Live Oak Day Use Area (non-Project facility)

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<sup>1</sup> A bypass reach is a segment of a river downstream of a diversion facility where Project operations result in the diversion of a portion of the water from the river.



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**Map 3-1. Day Use Areas within the Study Area**

## 4.0 METHODS

Study implementation followed the methods described in the REC 1 TSP (SCE 2024). A recreation facility inventory and condition assessment was completed at the four SQF day-use areas by two field staff on September 24, 2024. Prior to implementation of the inventory and condition assessment, SCE developed a field inventory and condition assessment form to support consistent data collection. The form was approved by the SQF at the end of August 2024.<sup>2</sup> The field inventory and condition assessment form is included in Appendix A.

The study included an inventory and condition assessment of the following:

- Inventory of features at the day-use facilities
- Overall day-use facility capacity
- Assessment of the condition of facilities and associated features
- Characterization of universal accessibility
- Public safety measures
- Signage and wayfinding
- Site-specific circulation road(s) and parking area(s)

Field staff documented each facility with photographs and integrated data collected into a geographic information system database with relevant attributes as provided in Section 5, Data Summary. Items in need of maintenance, repair, replacement, or similar action were noted per the categories in Table 4-1.

**Table 4-1. Facility Feature Condition Rating Table**

ID	Category	Description
N	Needs Replacement	Facility feature is non-functional or has broken or missing components.
R	Needs Repair	Facility feature has structural damage or is in an obvious state of disrepair.
M	Needs Maintenance	Facility feature needs maintenance, such as cleaning or painting.
G	Good Condition	Facility feature is functional and well maintained.

<sup>2</sup> Personal correspondence between SQF Supervisor, Anthony Edwards and SCE Relicensing Project Manager for the KR1 Project, Mary M. Richardson, on August 28, 2024.

## 4.1 CHARACTERIZATION OF ACCESSIBILITY

To characterize universal accessibility, SCE evaluated each site amenity using the Forest Service Outdoor Recreation Accessibility Guidelines (FSORAG) (Forest Service 2013). These are the standards for use on the National Forest System for the facilities and features addressed in those guidelines. The standards incorporate the United States Access Board’s Architectural Barriers Act Accessibility Standards (ABAAS) and the Outdoor Developed Area Accessibility Guidelines (ODAAG), developed by the Architectural and Transportation Barriers Compliance Board. While the standards incorporate the ODAAG, they also ensure the application of equivalent or higher guidelines (Forest Service 2013). FSORAG guidelines did not apply to every site amenity identified during the condition assessment. For example, boat ramps, gates, and unpaved roads are not features for which there are applicable FSORAG specifications. Amenities not addressed in the FSORAG guidelines were not evaluated for universal accessibility.

## 4.2 STUDY PLAN VARIANCES

There are no variances from the REC 1 TSP approved in FERC’s SPD (FERC 2024).

## 5.0 DATA SUMMARY

The data collected for the recreation facility inventory and condition assessment focused on the four developed day-use areas identified above. The sites are owned and operated by the SQF and are all first come/first serve. There are no recreation facilities associated with the Project and none of the four day-use facilities included in this study are within the FERC Project boundary. The data collected at the time of observation is provided below. Photographs of each site are provided in Appendix B.

### 5.1 DEMOCRAT RAFT TAKE-OUT BOATING SITE

Democrat Raft Take-out Boating Site is open year-round from sunrise to sunset (Forest Service 2024a). The site is accessible via State Route 178 (SR-178). The SQF owns and maintains the site, but it is unstaffed. The site is not a KR1 Project facility and is not within the FERC Project boundary along the lower Kern River. No fee is required at the site.

**Site Amenities and Parking:** The site consists of a paved access road leading to a paved whitewater access area with a two-lane carry-in boat launch. There is also an unpaved access road leading to an unpaved parking lot and turnout area uphill from the paved whitewater access area. The unpaved parking lot/upper parking lot has capacity for approximately 22 vehicles, including two handicap parking spaces (handicap parking spaces are demarcated with signage). Other site amenities include one trash receptacle, one covered picnic area, one informal overlook and one pit toilet structure with two stalls. Signage, in English, was posted on two informal signboards. One signboard includes information about fire restrictions. The other signboard includes information about fishing, hours of operation, and site rules. Table 5-1 lists and describes each site amenity, indicates whether FSORAG guidelines apply and the FSORAG compliance status of each amenity as applicable, and identifies the corresponding photo of the amenity (photos are located in Appendix B). Map 5-1 illustrates the location of the site and site amenities.

**FSORAG Compliance Summary:** FSORAG compliant site amenities consist of the Americans with Disabilities Act (ADA) parking spaces (two handicap parking spaces as noted above), both pit toilets, and informational signboards/signage. Four site amenities are not compliant with FSORAG guidelines, as follows:

- The paved access paths are not compliant due to overgrown vegetation, missing handrails, and eroded, uneven and incomplete sections of pavement.
- The informal overlook is not compliant due to inadequate clearance around the picnic shelter for viewing and maneuvering.
- The trash receptacle is not compliant due to reach ranges outside of the required specifications.
- The covered picnic area is not compliant due to inadequate clearance around the picnic table and noncompliant access paths.

**Site Condition:** Field staff observed areas of erosion along the upper unpaved access road as well as within the unpaved parking lot. There is some evidence of vegetation disturbance due to extended footpath use and creation of informal trails. There is evidence of erosion near the informal overlook, at the covered picnic area, and at the stairs down to the lower boat ramp area. Overgrown vegetation is present on the paved access paths. There was no graffiti or litter throughout the site.



**Table 5-1. Democrat Raft Take-out Boating Site Day Use Site Amenities**

<b>Amenity</b>	<b>Description</b>	<b>Condition<sup>1</sup></b>	<b>FSORAG Compliance<sup>2</sup></b>	<b>Photo (Appendix B)</b>
Boat Ramp	Two-lane, carry-in boat launch	G	NA	B-23
Upper Parking Area	Unpaved; approximately 20 parking spots	M	NA	B-3, B-4, B-6
Paved Whitewater Access Area	Paved; no parking allowed	G	NA	B-20, B-21
ADA Parking Spots	Two spots in the upper unpaved parking area	G	Yes	B-10
Covered Picnic Area	One table; covered	M	No: lack of adequate space (48 inch minimum) (FSORAG Section 4.1.4)	B-14, B-15, B-16, B-17
Informal Overlook	At picnic area overlooking lower paved whitewater access area	R	No: uneven surface (FSORAG Section 3.4.6) and lack of adequate space around picnic shelter (48 inch minimum) (FSORAG Section 4.1.4)	B-13
Pit Toilet	At upper unpaved parking area; two stalls	G	Yes	B-6, B-7, B-8, B-9, B-10
Trash Receptacle	At upper unpaved parking area	G	No: reach ranges are not within specifications (FSORAG 4.5.5 and ABAAS section 308)	B-5
Access Roads	Paved and unpaved	Paved: G Unpaved: M	NA	B-3

Amenity	Description	Condition <sup>1</sup>	FSORAG Compliance <sup>2</sup>	Photo (Appendix B)
Paved Access Path	From pit toilet structure to covered picnic table area	M	No: overgrown vegetation, missing handrails and eroded, uneven, and incomplete sections (ABAAS Section 505.1 and FSORAG Sections 2.2 and 2.7)	B-11, B-12, B-13
Entry Sign	Off SR-178	G	NA	B-1
Directional Sign Along Access Road	Along paved access road	G	NA	B-2
Informational Signboard 1 (Fire Information)	English; glass and fire information	G	Yes	B-16
Informational Signboard 2 (General Information)	English; hours of operation, fire, fishing, dog and glass information	G	Yes	B-22

<sup>1</sup> N=Needs Replacement; R=Needs Repair; M=Needs Maintenance; G=Good Condition; NA=not applicable

<sup>2</sup> FSORAG=Forest Service Outdoor Recreation Accessibility Guidelines



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**Map 5-1. Democrat Raft Take-out Boating Site**

## 5.2 UPPER RICHBAR DAY USE AREA

Upper Richbar Day Use Area is open year-round from 6:00 am until 10:00 pm (Forest Service 2024b). The site is accessible via SR-178. The SQF owns and maintains the site, but it is unstaffed. The site is not a KR1 Project facility and is not within the FERC Project boundary along the lower Kern River. A \$12 fee is required to park and utilize this site.

**Site Amenities and Parking:** The site consists of a paved access road, two paved parking lots, picnic areas, and paved access paths to sandy beaches along the river. The parking lots have capacity for 40 vehicles, including two handicap parking spaces (handicap spaces are demarcated by signage and paint). Other site amenities include 14 picnic tables, 10 grills, two pit toilet structures with two stalls each, a large roll-off dumpster, and multiple trash receptacles. Two informational signboards are present, providing fee information and site rules in both English and Spanish. In addition, there is one locked small, one-story, windowless building adjacent to the parking lot that appeared to be unused. Table 5-2 lists and describes each site amenity, indicates whether FSORAG guidelines apply and the FSORAG compliance status of each amenity as applicable, and identifies the corresponding photo of the amenity (photos are located in Appendix B). Map 5-2 illustrates the location of the site and site amenities.

**FSORAG Compliance Summary:** FSORAG compliant site amenities consist of the two paved parking areas, ADA parking spaces (two handicap parking spaces as noted above), trash receptacles, one of the pit toilet stalls,<sup>3</sup> and the informational signboards and fee post. Five site amenities are not compliant with FSORAG guidelines, as follows:

- One of the pit toilet stalls is not compliant due to uneven pavement limiting the door from opening to the specified width.
- The paved access paths leading to the beach access area are not compliant due to uneven surface, insufficient width, and a gap in connectivity between the end of the path and the beach.
- The picnic tables are not compliant because they are not accessible via a paved access path. In addition, though one of the picnic tables is designed for universal access (providing an open seating area for a wheelchair), this picnic table has been relocated (assumably by visitors) from along the paved access path to a river-side beach location at the end of a non-compliant paved access path.
- Grills are not compliant because they are not accessible from a paved access path.
- The large roll-off dumpster was not compliant due to reach ranges outside of specifications.

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<sup>3</sup> During the time of the survey, one pit toilet stall was locked on each of the two pit toilet structures and could not be evaluated under the FSORAG.

**Table 5-2. Upper Richbar Day Use Site Amenities**

Amenity	Description	Condition <sup>1</sup>	FSORAG Compliance <sup>2</sup>	Photo (Appendix B)
Entry Sign	Off SR-178	G	NA	B-24
West Parking Lot	Paved; 18 parking spots	M	Yes	B-26
Dirt Road	Closed off with a chain in the middle of site	G	NA	B-31
East Parking Lot	Paved; 22 parking spots	M	Yes	B-27, B-28
ADA Parking Spots	Two spots in the east paved parking lot	M	Yes	B-27, B-28
Picnic Tables	Uncovered; 14 tables	M/R	No: picnic tables are not accessible via the paved access path (FSORAG Section 3.3.2)	B-39, B-42, B-43, B-44, B-45, B-46, B-47, B-48, B-49, B-50
Paved Access Paths	Paths from parking lot lead to beach access area, picnic area with missing table, and pit toilets	M/G	No: the surface is uneven due to cracks caused by erosion and the path is not sufficiently wide (FSORAG Section 2.3 and 2.7)	B-34, B-35, B-36, B-37, B-38
Trash Receptacles	Metal trash cans outside pit toilet	G	Yes	B-30, B-32, B-33
Grills	10 grills, some rusted	M	No: grills are not accessible via the paved access path. (FSORAG Section 4.2.6 and 4.2.7)	B-42, B-43, B-44, B-46, B-47, B-48, B-49, B-50

Amenity	Description	Condition <sup>1</sup>	FSORAG Compliance <sup>2</sup>	Photo (Appendix B)
Pit Toilets	Two structures; four stalls total. One pit toilet stall was locked on each of the two structures during time of assessment	R	No: restroom door would not open to specified width (FSORAG Section 5.3.5, 5.3.2.1 and ABAAS Section 404)	B-30, B-32
Informational Signboard and Fee Post	Two signage boards; Spanish and English	G	Yes	B-25
Roll-off Dumpster		G	No: reach ranges are not within specifications (FSORAG 4.5.5 and ABAAS section 308)	B-33
Utility Structure	One locked structure	NA	NA	B-29
River Access	West side of site	NA	NA	B-41
Beach Access	Sand areas	NA	NA	B-40

<sup>1</sup> N=Needs Replacement; R=Needs Repair; M=Needs Maintenance; G=Good Condition; NA=not applicable

<sup>2</sup> FSORAG=Forest Service Outdoor Recreation Accessibility Guidelines



Map 5-2. Upper Richbar Day Use Site

**Site Condition:** There is some evidence of vegetation disturbance due to extended footpath use and creation of informal trails west of the west parking lot. Graffiti is present on rocks, trees, and various structures throughout the site (refer to Appendix B, Photos B-37 and B-51). Litter was present throughout the site and at the beach below the site (refer to Appendix B, Photo B-41). Parking space delineation is faded and hard to see.

### 5.3 LOWER RICHBAR DAY USE SITE

Lower Richbar Day Use Area is open March through October from 6:00 am until 10:00 pm (Forest Service 2024c). However, during the survey period on September 24, 2024, the day use area appeared to be closed for the season based on the locked entry gate. In addition, the information signboard at the day use site was void of any postings (informational signboards at the open day use sites were populated with postings). The site is accessible via SR-178. The SQF owns and maintains the site, but it is unstaffed. The site is not a KR1 Project facility and is not within the FERC Project boundary along the lower Kern River. A \$12 fee is required to park and utilize this site.

**Site Amenities and Parking:** The site consists of a paved parking lot, picnic areas, and informal trails to the river. The paved parking area has capacity for 11 vehicles, including one handicap parking space (handicap parking spaces are demarcated with signage and paint). Other site amenities include 11 picnic tables, five grills, one pit toilet structures with two stalls and multiple trash receptacles. One informational signboard and one fee post is present on-site. As noted above, there was no informational signage posted on the signboard. Table 5-3 lists and describes each site amenity, indicates whether FSORAG guidelines apply and the FSORAG compliance status of each amenity as applicable, and identifies the corresponding photo of the amenity (photos are located in Appendix B). Map 5-3 illustrates the location of the site and site amenities.

**FSORAG Compliance Summary:** FSORAG compliant site amenities consist of the ADA parking space (one handicap parking spaces as noted above), one of the picnic tables (designed for universal access because it provides an open seating area for a wheelchair), one of the grills (adequate height for an individual in a wheelchair), and one of the paved access paths. The pit toilet stalls, and trash receptacles could not be evaluated under the FSORAG.<sup>4</sup> One site amenity is not compliant with FSORAG guidelines, as follows:

- The fee post is not compliant due to lack of adequate clearance surrounding the post.

**Site Condition:** There is some evidence of vegetation disturbance due to extended footpath use and creation of informal trails. Picnic tables were in generally good condition. Graffiti is present on rocks and trees throughout the site (refer to Appendix B, Photo B-57, B-58, and B-64). Litter was present throughout the site and at the beach below the site. Parking space delineation is faded and hard to see.

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<sup>4</sup> During the time of the survey, both pit toilet stalls were locked, and no trash receptacles were on-site due to the site being closed for the season.



**Table 5-3. Lower Richbar Day Use Site Amenities**

Amenity	Description	Condition <sup>1</sup>	FSORAG Compliance <sup>2</sup>	Photo (Appendix B)
Picnic Tables	Uncovered; 11 tables - including one picnic table designed for universal access.	G	Yes	B-61, B-62, B-63
Parking Lot	Paved; 10 spots	M	Yes	B-53, B-54
ADA Parking Spaces	One spot	M	Yes	B-54, B-55
Paved Access Paths	One paved trail from parking lot to paved picnic area. The surface is uneven but determined to remain accessible for a wheelchair.	M	Yes	B-60
Trash Receptacles	None on site due to site closed for season	Unknown <sup>3</sup>	Unknown <sup>3</sup>	NA
Grills	Five grills, some rusted	M	Yes	B-61, B-62
Pit Toilets	One structure; two stalls total. Pit toilets were locked during time of assessment	Unknown <sup>3</sup>	Unknown <sup>3</sup>	B-55, B-59
Informational Signboard and Fee Post	Site closed for season; void of postings	Unknown <sup>3</sup>	No: lack of adequate clearance surrounding fee post (FSORAG Section 3.5.3)	B-56
Gate	Locked gate just past entry sign	G	NA	NA
Entry Sign	Off SR-178	G	NA	B-52
River Access	Various river access locations on-site	G	NA	B-63, B-65

<sup>1</sup> N=Needs Replacement; R=Needs Repair; M=Needs Maintenance; G=Good Condition; NA=not applicable

<sup>2</sup> FSORAG=Forest Service Outdoor Recreation Accessibility Guidelines

<sup>3</sup> During the time of the survey, amenity was inaccessible or not present due to the site being closed for the season; therefore, amenity condition and FSORAG compliance could not be determined.



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**Map 5-3. Lower Richbar Day Use Site**

## 5.4 LIVE OAK DAY USE SITE

Live Oak Day Use Area is open May 10 through September 15 from 6 am to 10 pm (Forest Service 2024d). During the survey period on September 24, 2024, the day use area appeared to be closed for the season based on the locked entry gate. In addition, the informational signboard was void of any postings (informational signboards at the open day use sites were populated with postings). The site is accessible via SR-178. The SQF owns and maintains the site, but it is unstaffed. The site is not a KR1 Project facility and is not within the FERC Project boundary along the lower Kern River. A \$12 fee is required to park and utilize this site.

**Site Amenities and Parking:** The site consists of a paved parking lot, picnic areas, and river access. The paved parking area has capacity for 16 vehicles, including three handicap parking spaces (handicap parking spaces are demarcated with signage and paint). Other site amenities include 10 picnic tables (including one covered picnic table), three grills, one pit toilet structures with two stalls, and multiple trash receptacles. One informational signboard and one fee post is present on-site. As noted above, there was no informational signage posted. Table 5-4 lists and describes each site amenity, indicates whether FSORAG guidelines apply and the FSORAG compliance status of each amenity as applicable, and identifies the corresponding photo of the amenity (photos are located in Appendix B). Map 5-4 illustrates the location of the site and site amenities.

**FSORAG Compliance:** FSORAG compliant site amenities consist of three ADA parking space (three handicap parking spaces as noted above), a covered picnic area with a grill (both designed for universal access: picnic table provides an open seating area for a wheelchair and grill is of adequate height for an individual in a wheelchair), and one of the paved access paths, and one of the uncovered picnic tables and grill (both designed for universal access). The pit toilet stalls, and trash receptacles could not be evaluated under the FSORAG.<sup>5</sup> Two site amenities are not compliant with FSORAG guidelines, as follows:

- The fee post is not compliant due to lack of adequate clearance surrounding the post.
- Two paved paths are not compliant because they are too steep.

**Site Condition:** There is some evidence of vegetation disturbance due to extended footpath use and creation of informal trails (refer to Appendix B, Photo B-75 and B-77). Parking space delineation is faded and hard to see. Many of the picnic tables are in poor condition, require maintenance, or are missing. Some areas had posts for grills, but the grills themselves were absent (appeared to have been removed by force). Graffiti is present on rocks, pit toilets, and tables throughout the site (refer to Appendix B, Photo B-76).

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<sup>5</sup> During the time of the survey, both pit toilet stalls were locked, and no trash receptacles were on-site due to the site being closed for the season and could not be evaluated under the FSORAG.

**Table 5-4. Live Oak Day Use Site Amenities**

Amenity	Description	Condition <sup>1</sup>	FSORAG Compliance <sup>2</sup>	Photo (Appendix B)
Picnic Tables	Nine uncovered picnic tables. One picnic table designed for universal access. Many of the tables are in poor condition and/or require maintenance.	M	Yes	B-72, B-73, B-74
Covered Picnic Table	One covered picnic table is designed for universal access	G	Yes	B-71
Parking Lot	Paved; 13 spots	M	Yes	B-67, B-68
Handicap Parking Spaces	Three spots	M	Yes	B-68
Paved Access Paths (3 paths)	Path 1: paved path leading to FSORAG picnic area Path 2: paved paths leading to beach Path 3: short path with no destination near parking lot	M	Path 1: yes Paths 2 and 3: no: too steep (FSORAG Section 2.4)	B-72, B-77
Trash Receptacles	None because site was closed for season	Unknown <sup>3</sup>	Unknown <sup>3</sup>	NA
Grills	Three grill locations; some missing throughout site	M	Yes	B-73
Pit Toilets	One structure; two stalls total. Pit toilets were locked during time of assessment	Unknown <sup>3</sup>	Unknown <sup>3</sup>	B-70
Informational Signboard and Fee Post	Site closed for season; void of postings	Unknown <sup>3</sup>	No: lack of adequate space surrounding fee post (FSORAG Section 3.5.3)	B-69

Amenity	Description	Condition <sup>1</sup>	FSORAG Compliance <sup>2</sup>	Photo (Appendix B)
Gate	Locked gate just past entry sign	G	NA	NA
Entry Sign	Off SR-178	G	NA	B-66
River Access	Various river access locations on-site	G	NA	B-78

<sup>1</sup> N=Needs Replacement; R=Needs Repair; M=Needs Maintenance; G=Good Condition; NA=not applicable

<sup>2</sup> FSORAG=Forest Service Outdoor Recreation Accessibility Guidelines

<sup>3</sup> During the time of the survey, amenity was inaccessible or not present due to the site being closed for the season; therefore, amenity condition and FSORAG compliance could not be determined.



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**Map 5-4. Live Oak Day Use Site**

## 6.0 STUDY SPECIFIC CONSULTATION

The following study specific consultation was conducted:

- The proposed field inventory and condition assessment form used to complete the field study was transmitted to the SQF for review via email on June 24, 2024, prior to study implementation. SQF approved the field inventory and condition assessment form at the end of August 2024.

## 7.0 OUTSTANDING STUDY PLAN ELEMENTS

There are no outstanding study plan elements.

The anticipated schedule for next steps associated with completion of this Technical Memorandum are identified in Table 7-1.

**Table 7-1. Schedule for Completion of Study**

Date	Activity
February 2025	Distribute draft Technical Memorandum to stakeholders
March–May 2025	Stakeholders review and provide comments on draft Technical Memorandum (90 days)
June–July 2025	Resolve comments and prepare Final Technical Memorandum
December 2025	Distribute Final Technical Memorandum in Draft License Application

## 8.0 REFERENCES

FERC (Federal Energy Regulatory Commission). 2024. Study Plan Determination for the Kern River No. 1 Hydroelectric Project. March 14.

Forest Service (United States Forest Service). 2013. Forest Service Outdoor Recreation Accessibility Guidelines (FSORAG). Accessed December 2024. Available online: <https://www.fs.usda.gov/sites/default/files/FSORAG-2013-Update.1.pdf>

———. 2024a. Democrat Raft Take-out Boating Site. Accessed: October 2024. Available online: <https://www.fs.usda.gov/recarea/sequoia/recarea/?recid=79690>

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———. 2024d. Sequoia National Forest - Kern River Ranger District (usda.gov). Accessed: November 2024. Available online: <https://www.fs.usda.gov/recarea/sequoia/recarea/?recid=79745>

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# **APPENDIX A**

## **Recreation Site Inventory Form**



**KERN RIVER NO. 1  
FERC 1930 PROJECT  
RECREATION FACILITY CONDITION SITE  
ASSESSMENT FORM**

Observed by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Site Name: \_\_\_\_\_ GPS Coordinates: \_\_\_\_\_

**Brief Description of Site** (accessibility, health and safety concerns):

---

**Facility Type**

- Day Use Area                       Picnic Area                       Boat Launching Area  
 Informal Site

---

**Road Access**

Condition Description: N R M G

- Paved access    # lanes \_\_\_\_\_  
 Unpaved access # lanes \_\_\_\_\_

---

**Parking Lots:**

Condition Description: N R M G

**Brief Description of Parking Lot:**

Type	# Paved	# Estimated Gravel	Space Delineation
Universal Access Spaces	_____	_____	<input type="checkbox"/> Painted <input type="checkbox"/> Curbs <input type="checkbox"/> Signage
Regular Spaces	_____	_____	<input type="checkbox"/> Painted <input type="checkbox"/> Curbs <input type="checkbox"/> Signage



Vehicle & Trailer Spaces \_\_\_\_\_  Painted  Curbs  Signage

**Operations:**

- Staffed     Unstaffed
- Seasonal (From \_\_\_\_\_ To \_\_\_\_\_)
- Fee: (Site \$\_\_\_\_; Parking \$\_\_\_\_)
- Year Round

Operating Hours \_\_\_\_\_  
Project Facility: \_\_\_\_\_

Owner/Manager \_\_\_\_\_  
Within FERC Project boundary? \_\_\_\_\_



**Day Use Site Amenities (total # of all amenities per site; provide additional specifications on next page):**

#	Type	Condition (N-replace, R-repair, M-maintain, G-good)	Compliant with FSORAG Guidelines?) Y/N
	Picnic Shelter		
	Overlook		
	Picnic Tables		
	Pedestrian Trail		
	Boating Prep Area		
	Trash Receptacles		
	Grills		
	Fishing Pier/Platform		
	Firepit/ring		
	Fishing Prep Area		
	Safety Signage		
	Restrooms		
	Information Kiosk		
	Informational Signage		
	Benches		
	Dumping Station		
	Potable Water		
	Playground		

Other (specify) \_\_\_\_\_

**Boat Launch Facilities**

Condition Description:

- Hard surface   
  Unimproved (informal)   
  Gravel   
  Carry In  
 Universal Access   
  Boat Prep Area   
 \_\_\_\_\_ # of Lanes

**Courtesy/Fishing Docks**

Condition Description:

- Courtesy Dock   
  Fishing Dock   
 Dimensions: \_\_\_\_\_  Universal Access  
 Courtesy Dock   
  Fishing Dock   
 Dimensions: \_\_\_\_\_  Universal Access



**Trails (within the recreation area)**

Condition Description:

Type: \_\_\_\_\_ Length (ft): \_\_\_\_\_ Condition: \_\_\_\_\_  Universal Access  
 Type: \_\_\_\_\_ Length (ft): \_\_\_\_\_ Condition: \_\_\_\_\_  Universal Access  
 Type: \_\_\_\_\_ Length (ft): \_\_\_\_\_ Condition: \_\_\_\_\_  Universal Access

**Interpretive/Site Information**

Condition Description:

\_\_\_\_\_ No. of Displays  
 Boating Safety  Invasive Species  Fishing Regulations  Fish Type  
 Regional Events  Other (specify)

**Signage**

Condition Description:

Part 8  Directional  Informational  Other

**Sanitation Facilities**

Condition Description:

	# Flush	(# UA*)	# Portable	(# ADA)	Remarks
Unisex		( )		( )	
Women		( )		( )	
Men		( )		( )	

\*UA = Universal Access

**Observed Vegetation and Erosion Impacts**

\_\_\_\_\_ Cut trees for fires  
 \_\_\_\_\_ Trampled  
 \_\_\_\_\_ vegetation Mowed  
 \_\_\_\_\_ areas  
 \_\_\_\_\_ Trees damaged by people  
 \_\_\_\_\_ Trees damaged by  
 \_\_\_\_\_ environment Areas of  
 \_\_\_\_\_ noticeable erosion



**Description of Observations/Evidence of Vegetation Impacts:**

**Description of Observations/Evidence of Erosion:**

**Evidence of use at site:** \_\_\_\_\_  
(C) Compaction, (E) Erosion, (G) Garbage, (GD) Ground disturbance, (HW) Human waste, (UI) Unauthorized improvements, (V) Vandalism, (VR) Vegetation removal, (O) Other (Specify)

**Evidence of Overcrowding:** \_\_\_\_\_  
(A) Anecdotal information, (FA) facility/amenity (C) capacity, (I) improper parking, (S) Signage, (SD) Site degradation, (U) Unauthorized sites, (W) Waiting lines, (O) Other (Specify)

**Notes (including general condition, any restrictions/alerts, such as boating use, invasive species, etc.):**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Photo number from \_\_\_\_ to \_\_\_\_\_



**Sketch of Site and Facilities:**



## KERN RIVER NO. 1 PROJECT DATA DICTIONARY

### **Conditional Ratings**

- N: Needs replacement-is non-functional or has broken or missing components
- R: Needs repair-has structural damage or is in an obvious state of disrepair
- M: Needs maintenance- is in need of attention (i.e. cleaning or painting is needed)
- G: Good condition-is functional and well maintained

### **Anecdotal Information:**

- Observations made by field staff (i.e. overflowing trash cans, tire tracks outside of delineated parking areas and access roads)

### **Facility Type:**

- The primary use of the site

### **Road Access:**

- The road in which is used to access/enter the site.

### **Parking Lot:**

- The designated or observed area where vehicles park to access the facility.

### **Trash receptacles:**

- Include all vessels designed to collect trash (i.e. trash cans, dumpsters)

### **Informational Kiosk:**

- A display structure with multiple informational signs
-



## **APPENDIX B**

### **Site Photos**



**Photo B-1. Democrat Raft Take-out Boating Site – Entrance Sign**



**Photo B-2. Democrat Raft Take-out Boating Site – Directional Signage**



**Photo B-3. Democrat Raft Take-out Boating Site – Upper Parking Lot**



**Photo B-4. Democrat Raft Take-out Boating Site – Upper Parking Lot**



**Photo B-5. Democrat Raft Take-out Boating Site – Dumpster in Upper Parking Lot**



**Photo B-6. Democrat Raft Take-out Boating Site – Upper Parking Lot and Pit Toilets**



**Photo B-7. Democrat Raft Take-out Boating Site – Pit Toilets**



**Photo B-8. Democrat Raft Take-out Boating Site – Pit Toilet, Stall 1**



**Photo B-9. Democrat Raft Take-out Boating Site – Pit Toilet, Stall 2**



**Photo B-10. Democrat Raft Take-out Boating Site – ADA Parking and Pit Toilets**



**Photo B-11. Democrat Raft Take-out Boating Site – Paved Access Path and Overgrown Vegetation**



**Photo B-12. Democrat Raft Take-out Boating Site – Paved Access Path and Overgrown Vegetation**



**Photo B-13. Democrat Raft Take-out Boating Site – Paved Access Trail with Missing Handrails, Erosion and Wash Out**

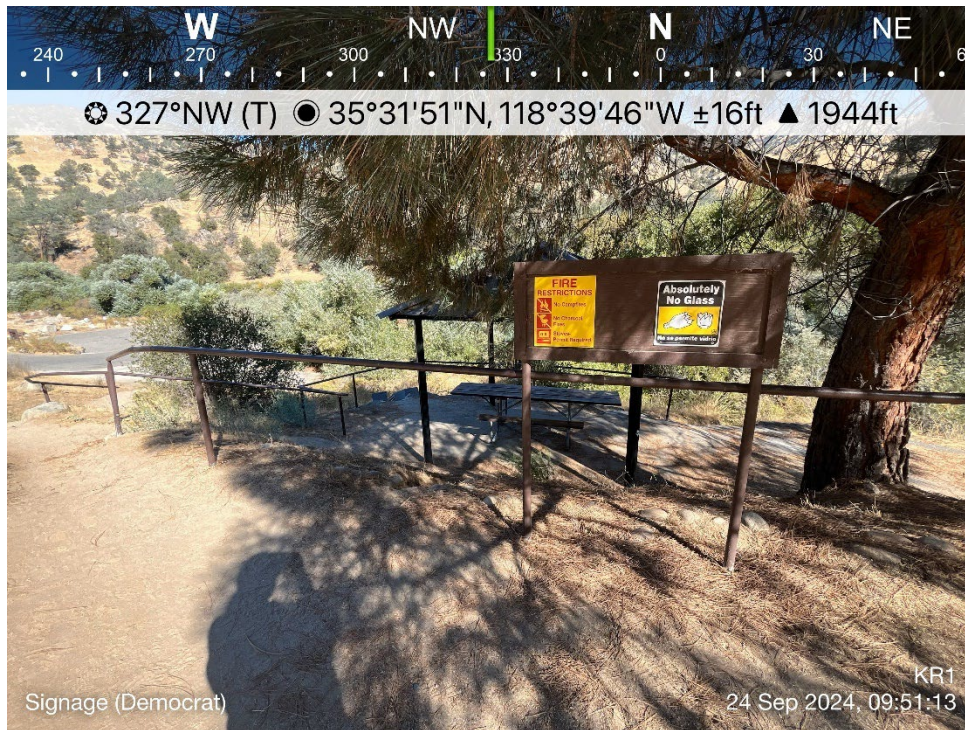




**Photo B-14. Democrat Raft Take-out Boating Site – Covered Picnic Table**



**Photo B-15. Democrat Raft Take-out Boating Site – Covered Picnic Table and Erosion**



**Photo B-16. Democrat Raft Take-out Boating Site – Informational Signboard**



**Photo B-17. Democrat Raft Take-out Boating Site – Pedestrian Path from Upper Parking Lot**



**Photo B-18. Democrat Raft Take-out Boating Site – Pedestrian Path from Upper Parking Lot**



**Photo B-19. Democrat Raft Take-out Boating Site – Pedestrian Path from Upper Parking Lot**



**Photo B-20. Democrat Raft Take-out Boating Site – Lower Boat Take-out Area**



**Photo B-21. Democrat Raft Take-out Boating Site – Lower Boat Take-out Area**





Entry (Upper Richbar)

KR1

24 Sep 2024, 11:15:21

**Photo B-24. Upper Richbar Day Use Site – Entrance Sign**



Information Signage (Upper Richbar)

KR1

24 Sep 2024, 11:15:51

**Photo B-25. Upper Richbar Day Use Site – Informational Signboards and Fee Post**



**Photo B-26. Upper Richbar Day Use Site – West Parking Lot**



**Photo B-27. Upper Richbar Day Use Site – East Parking Lot and ADA Parking Spots**



**Photo B-28. Upper Richbar Day Use Site – East Parking Lot and ADA Parking Spots**



**Photo B-29. Upper Richbar Day Use Site – Locked Utility Structure**





**Photo B-30. Upper Richbar Day Use Site – Pit Toilets #1**



**Photo B-31. Upper Richbar Day Use Site – Dirt Road**



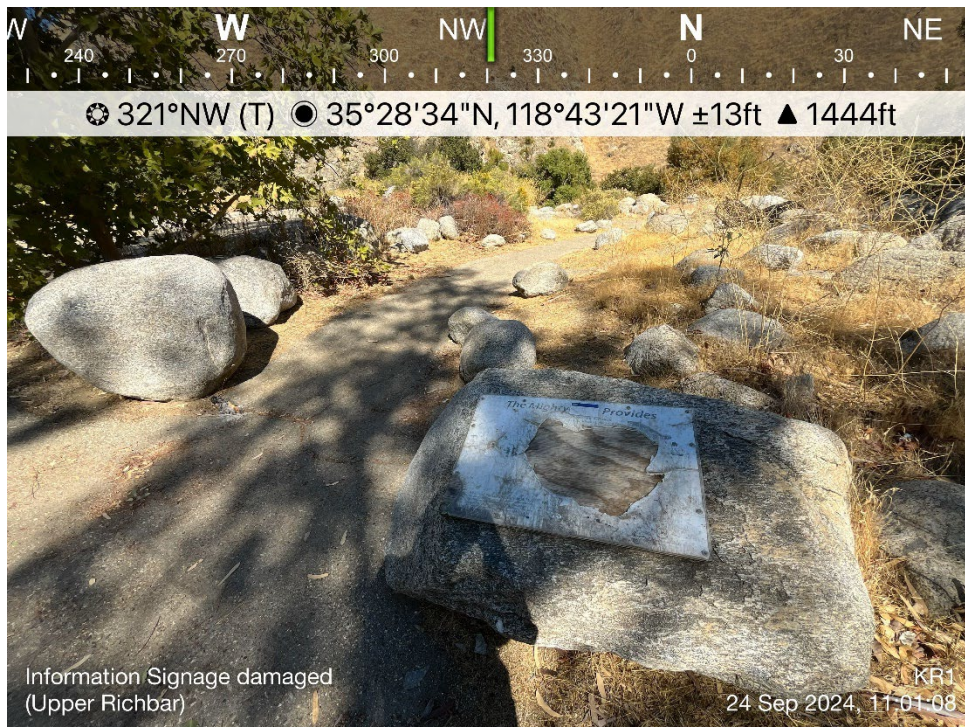
**Photo B-32. Upper Richbar Day Use Site – Pit Toilets #2**



**Photo B-33. Upper Richbar Day Use Site – Roll-off Dumpster**



**Photo B-34. Upper Richbar Day Use Site – Paved Access Path**



**Photo B-35. Upper Richbar Day Use Site – Paved Access Path**



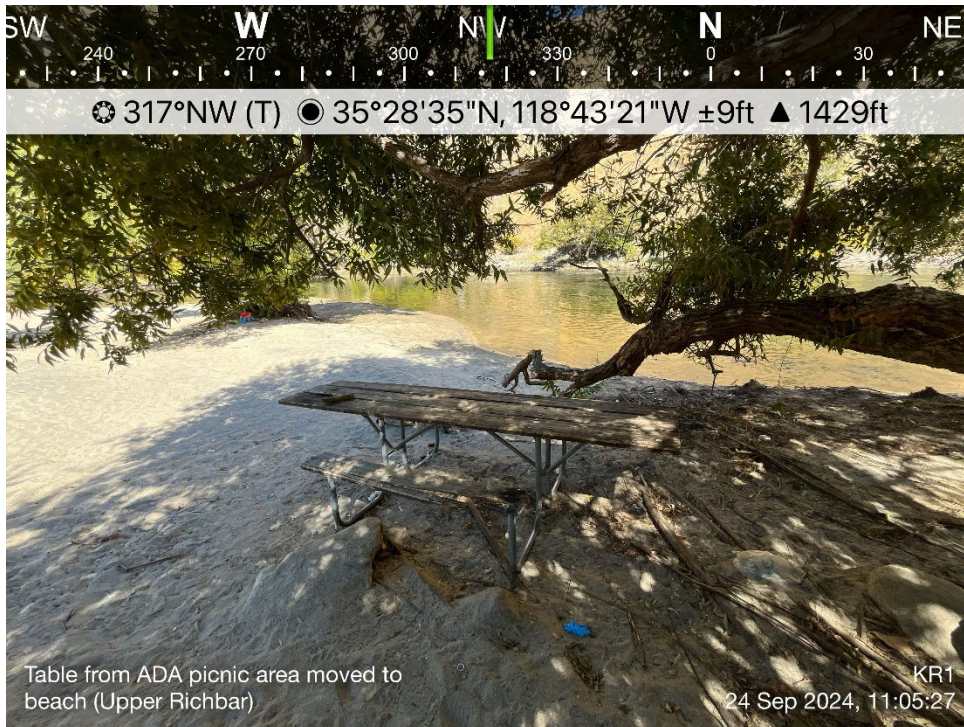
**Photo B-36. Upper Richbar Day Use Site – Paved Access Path**



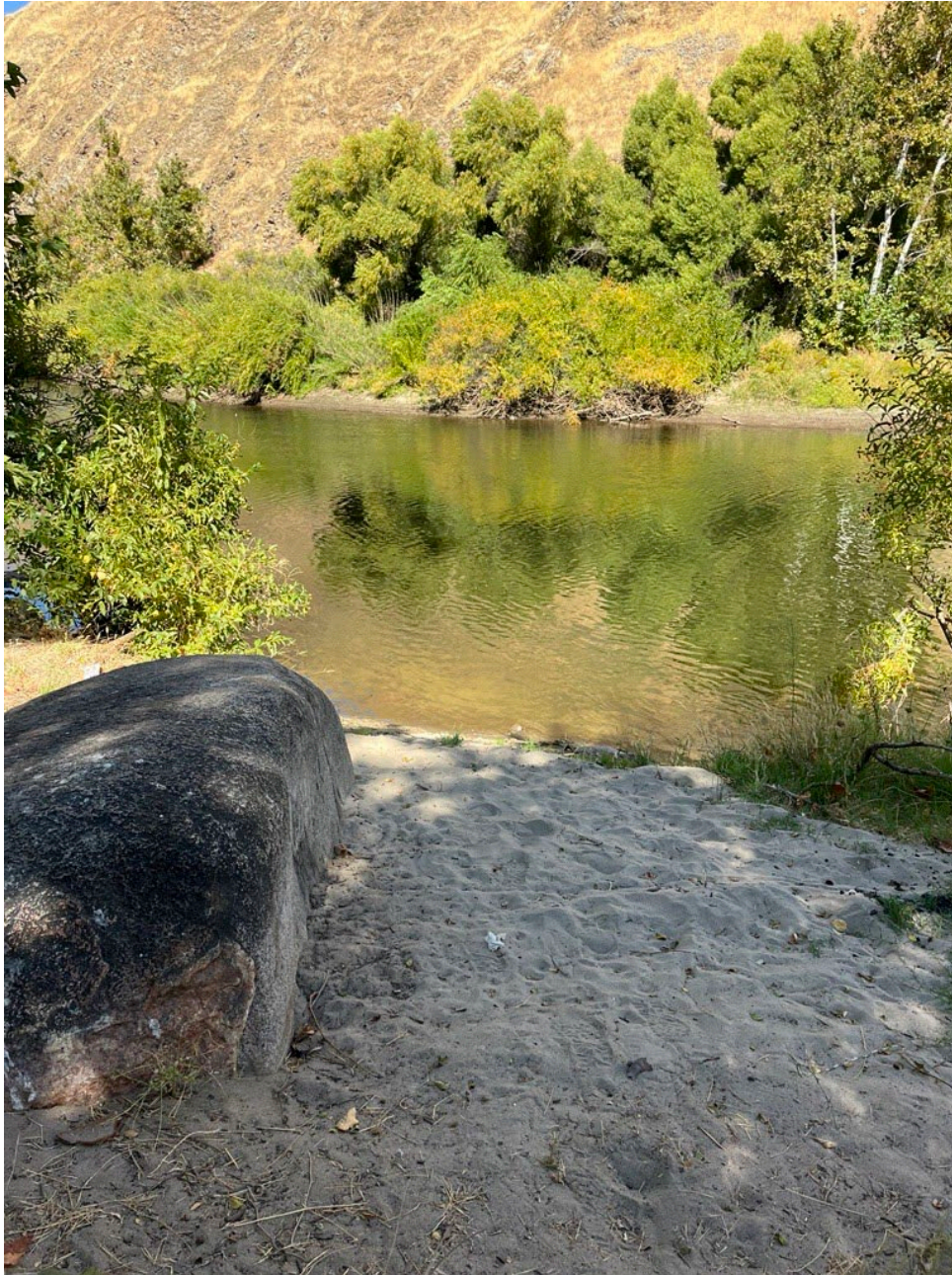
**Photo B-37. Upper Richbar Day Use Site – Paved Access Path and Graffiti**



**Photo B-38. Upper Richbar Day Use Site – Access Path to Beach Area**



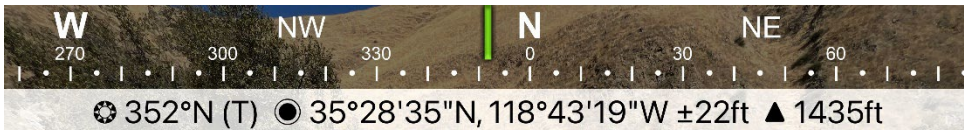
**Photo B-39. Upper Richbar Day Use Site – Moved and Damaged FSORAG Compliant Picnic Table**



**Photo B-40. Upper Richbar Day Use Site – Beach Access**



**Photo B-41. Upper Richbar Day Use Site – Beach Access**



**Photo B-42. Upper Richbar Day Use Site – Picnic Area**



**Photo B-43. Upper Richbar Day Use Site – Picnic Area**



**Photo B-44. Upper Richbar Day Use Site – Picnic Area**





**Photo B-45. Upper Richbar Day Use Site – Picnic Area**



**Photo B-46. Upper Richbar Day Use Site – Picnic Area**



**Photo B-47. Upper Richbar Day Use Site – Picnic Area**



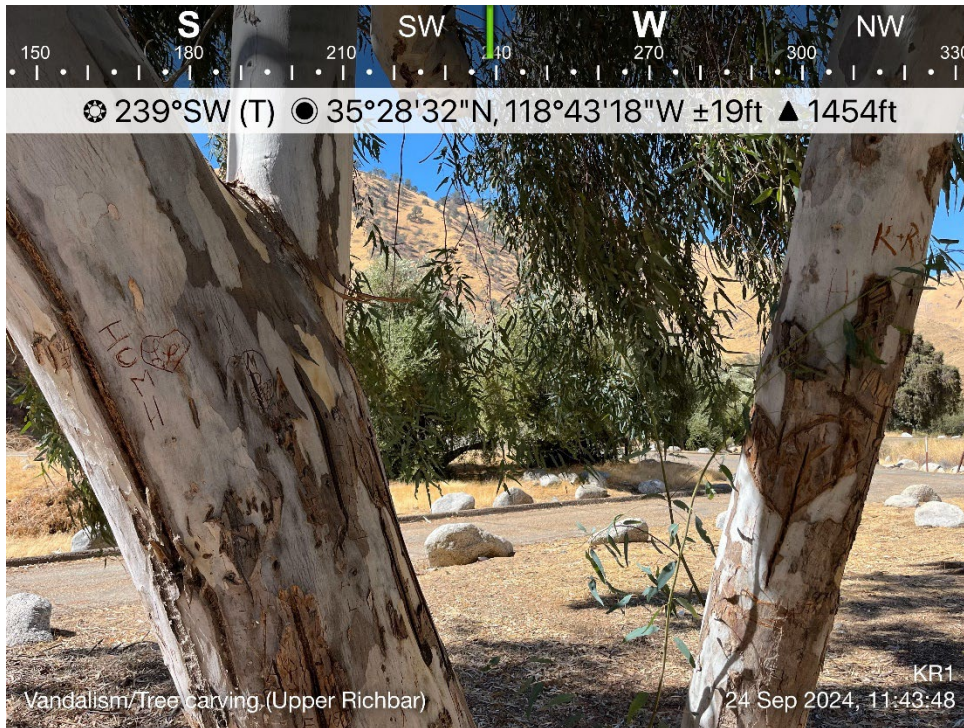
**Photo B-48. Upper Richbar Day Use Site – Picnic Area**



**Photo B-49. Upper Richbar Day Use Site – Picnic Area**



**Photo B-50. Upper Richbar Day Use Site – Picnic Area**



**Photo B-51. Upper Richbar Day Use Site – Graffiti on Trees**



**Photo B-52. Lower Richbar Day Use Site – Entrance Sign**



**Photo B-53. Lower Richbar Day Use Site – Parking Lot**



**Photo B-54. Lower Richbar Day Use Site – ADA Parking Spots**



**Photo B-55. Lower Richbar Day Use Site – Pit Toilets**



**Photo B-56. Lower Richbar Day Use Site – Informational Signboards and Fee Post**



**Photo B-57. Lower Richbar Day Use Site – Graffiti on Rocks**



**Photo B-58. Lower Richbar Day Use Site– Graffiti on Rocks**



**Photo B-59. Lower Richbar Day Use Site – Pit Toilets**



**Photo B-60. Lower Richbar Day Use Site – Paved Access Path**

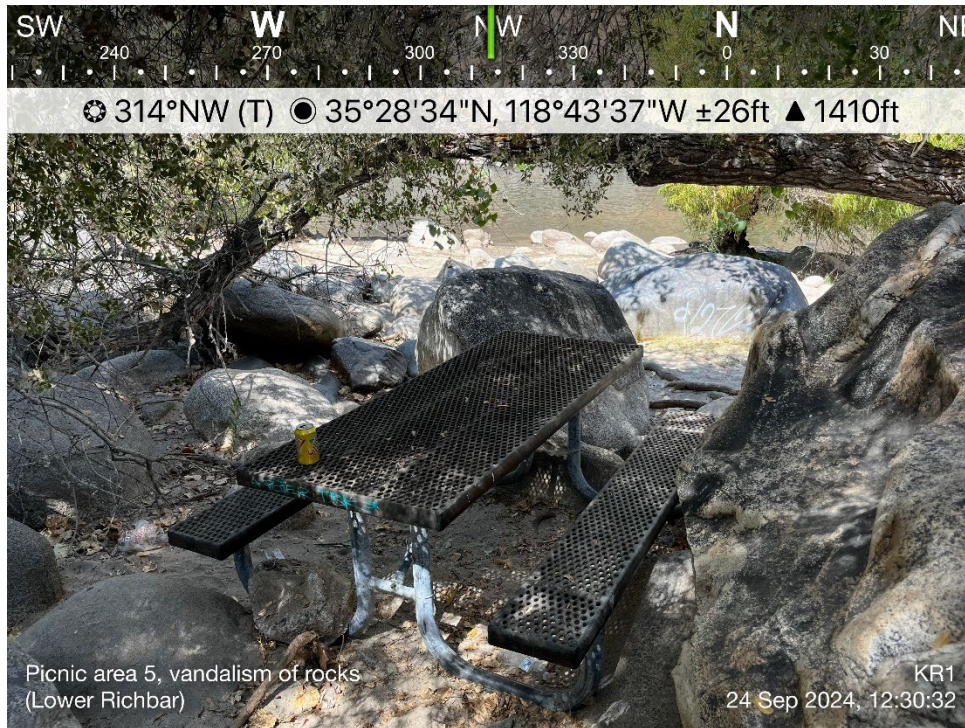




**Photo B-61. Lower Richbar Day Use Site – Picnic Area**



**Photo B-62. Lower Richbar Day Use Site – Picnic Area**



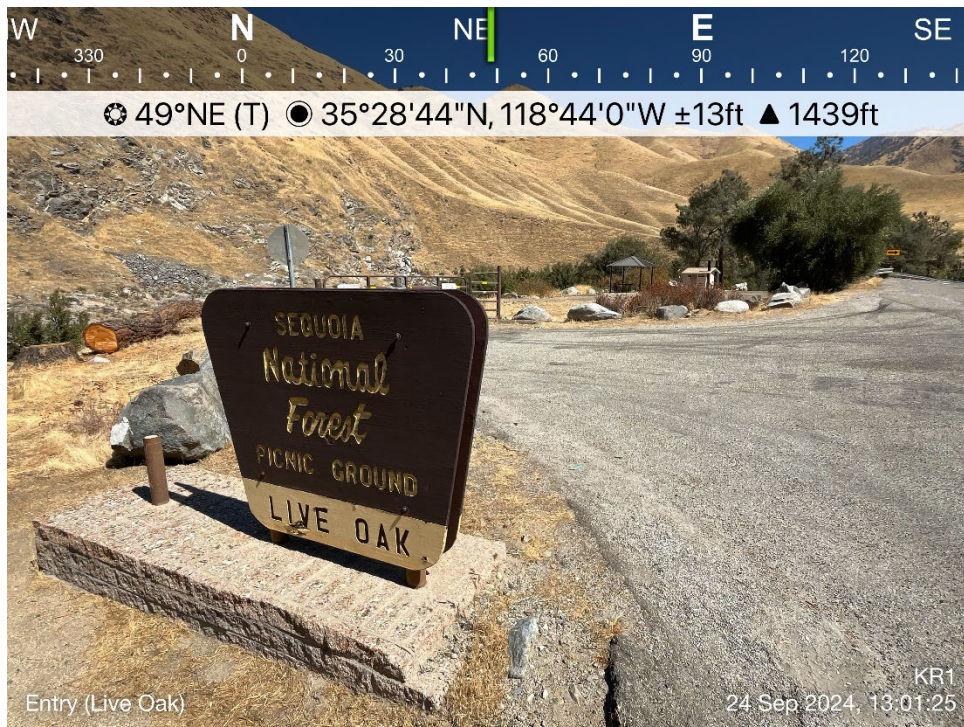
**Photo B-63. Lower Richbar Day Use Site – Picnic Area**



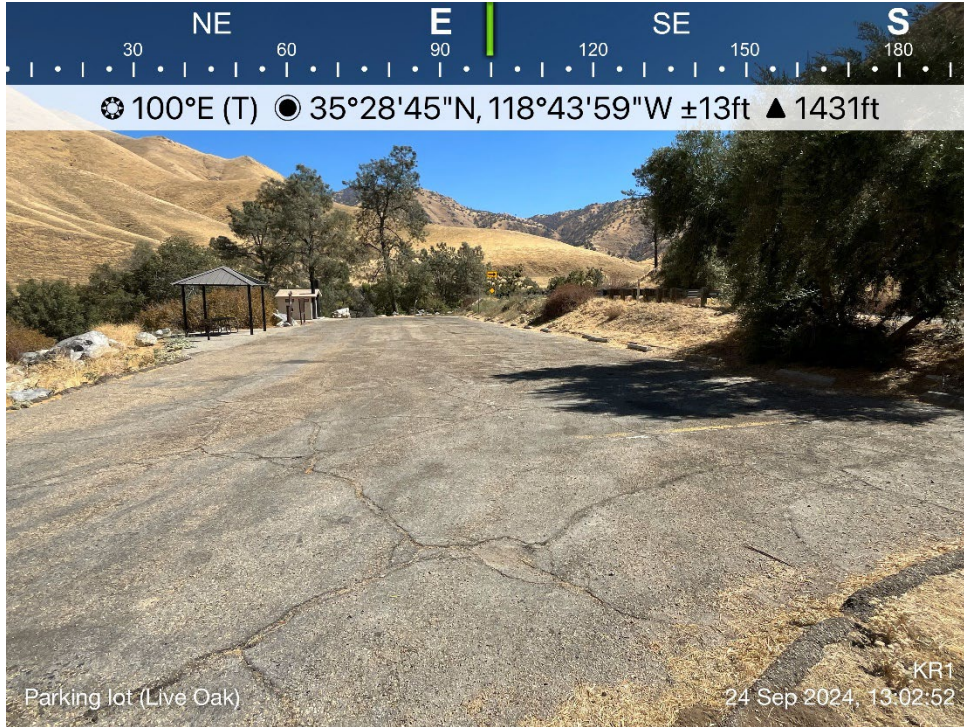
**Photo B-64. Lower Richbar Day Use Site – Graffiti on Rocks**



**Photo B-65. Lower Richbar Day Use Site – Graffiti on Rocks**



**Photo B-66. Live Oak Day Use Site – Entrance Sign**



**Photo B-67. Live Oak Day Use Site – Parking Lot**



**Photo B-68. Live Oak Day Use Site – ADA Parking Spots**



**Photo B-69. Live Oak Day Use Site – Informational Signboards and Fee Post**



**Photo B-70. Live Oak Day Use Site – Pit Toilets**



ADA picnic area (Live Oak)

KR1  
24 Sep 2024, 13:06:29

**Photo B-71. Live Oak Day Use Site – Covered Picnic Area**



ADA picnic area 2 (Live Oak)

KR1  
24 Sep 2024, 13:07:42

**Photo B-72. Live Oak Day Use Site – Picnic Area**



**Photo B-73. Live Oak Day Use Site – Picnic Area**



**Photo B-74. Live Oak Day Use Site – Picnic Area**

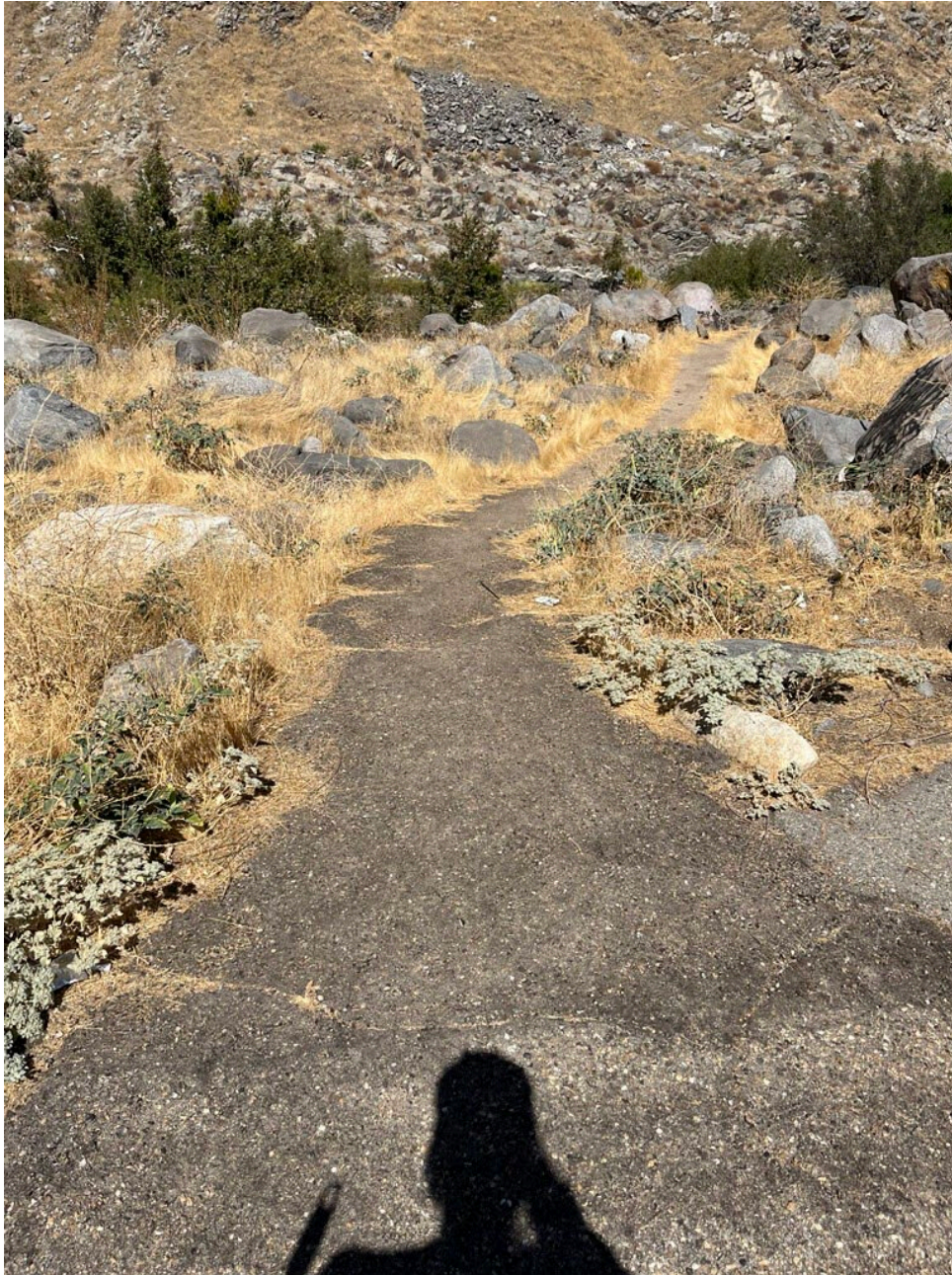


**Photo B-75. Live Oak Day Use Site – Picnic Area (broken picnic table)**



**Photo B-76. Live Oak Day Use Site – Graffiti on Rocks**





**Photo B-77. Live Oak Day Use Site – Paved Access Path**



**Photo B-78. Live Oak Day Use Site – River Access**

## **APPENDIX C**

### **Completed Recreation Site Inventory Forms**



**KERN RIVER NO. 1  
 FERC 1930 PROJECT  
 RECREATION FACILITY CONDITION SITE  
 ASSESSMENT FORM**

Observed by: OSBORN + HUGHES Date/Time: 9/24/24 8:45am  
 Site Name: DEMOCRAT RAFT TAKEOUT GPS Coordinates: 35.5301413887  
 -118.464271803

**Brief Description of Site** (accessibility, health and safety concerns):

Day use area w/ dirt parking lot, trash dumpster, pit toilets,  
 2 handicap parking, sign, covered picnic table (1)

**Facility Type**

- Day Use Area       Picnic Area       Boat Launching Area  
 Informal Site       Boat take out area

**Road Access**

Condition Description: N R (M) (G) (dirt)  
 Road to upper parking area has some wash out/pot holes that could be repaired  
 Paved access # lanes 1 (paved) Road to lower  
 Unpaved access # lanes 1

**Parking Lots:**

Condition Description: N R (M) (G) upper (dirt)  
 lower

**Brief Description of Parking Lot:**

dirt lot w/ 2 handicap spaces w/ shared "bump out"; spaces were previously paved but now are dirt covered/uneven.  
 boat drop off area is paved

Type	# Paved	# Estimated Gravel	Space Delineation
Universal Access Spaces	<u>2</u> unavail condition	<u>0</u>	<input type="checkbox"/> Painted <input checked="" type="checkbox"/> Curbs <input checked="" type="checkbox"/> Signage
Regular Spaces	<u>0</u>	<u>20</u>	<input type="checkbox"/> Painted <input type="checkbox"/> Curbs <input type="checkbox"/> Signage

NO marked spaces but could fit ~20 cars



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Vehicle & Trailer Spaces    Painted  Curbs  Signage  
dirt lot could be used for trailers but no marked spots

**Operations:**

Staffed  Unstaffed  Seasonal (From \_\_\_\_\_ To \_\_\_\_\_)  
 Fee: (Site \$\_\_\_\_; Parking \$\_\_\_\_)  Year Round

Operating Hours \_\_\_\_\_  
Project Facility: \_\_\_\_\_

Owner/Manager \_\_\_\_\_  
Within FERC Project boundary? Ø



**Day Use Site Amenities (total # of all amenities per site; provide additional specifications on next page):**

#	Type	Condition (N-replace, R-repair, M-maintain, G-good)	Compliant with FSORAG Guidelines?) Y/N
1	Picnic Shelter	M	N - no clear space around (4.9.1)
1	Overlook	R - erosion + missing handrail	N - uneven surface + no clear space
1	Picnic Tables	G	Y
	Pedestrian Trail	M - veg removal - cracks	N - missing railing, cracks, erosion
1	Boating Prep Area	G	NA
1	Trash Receptacles	G - dented top	N - reach height
<del>1</del>	Grills	NA	NA
<del>1</del>	Fishing Pier/Platform	NA	NA
<del>1</del>	Firepit/ring	NA	NA
<del>1</del>	Fishing Prep Area	NA	NA
1	Safety Signage	R - NA	NA
1	Restrooms	G - see notes on pg 5	Y
1	Information Kiosk	NA	NA
1	Informational Signage	G	Y
<del>1</del>	Benches	NA	NA
<del>1</del>	Dumping Station	NA	NA
<del>1</del>	Potable Water	NA	NA
<del>1</del>	Playground	NA	NA

Other (specify) \_\_\_\_\_

**Boat Launch Facilities**

Condition Description: some sand covering small area on hard surface.

- Hard surface  
  Unimproved (informal)  
  Gravel  
  Carry In  
 Universal Access  
  Boat Prep Area  
 2 # of Lanes

**Courtesy/Fishing Docks**

Condition Description: NA

- Courtesy Dock  
  Fishing Dock  
 Dimensions: \_\_\_\_\_  
  Universal Access  
 Courtesy Dock  
  Fishing Dock  
 Dimensions: \_\_\_\_\_  
  Universal Access

**Trails (within the recreation area)**

Condition Description: paved trail from ADA spot to pit toilet and to covered picnic is uneven, overgrown, and covered in pine needles.

Informal gravel trails to used areas  
 stair gravel trail connecting upper + lower - not UA



Type: <u>paved</u>	Length (ft): <u>193</u>	Condition: <u>M</u>	<input type="checkbox"/> Universal Access <u>NO</u>
Type: <u>gravel</u>	Length (ft): _____	Condition: <u>M</u>	<input type="checkbox"/> Universal Access <u>NO</u>
Type: _____	Length (ft): _____	Condition: _____	<input type="checkbox"/> Universal Access



**Interpretive/Site Information**

Condition Description: day use sign @ entry off HWY, sign @ picnic table about fire danger, information sign

1 No. of Displays

- Boating Safety  Invasive Species  Fishing Regulations  Fish Type  
 Regional Events  Other (specify) fire danger, entry sign, info sign

**Signage**

Condition Description: fire danger sign near picnic table

- Part 8  Directional  Informational  Other

**Sanitation Facilities**

Condition Description: 2 pit toilets, stocked w/ TP, TP on ground, overall clean

	# Flush	(# UA*)	# Portable	(# ADA)	Remarks
Unisex	0	( )	2	( )	pit toilet
Women	0	( )		( )	
Men	0	( )		( )	

\*UA = Universal Access

**Observed Vegetation and Erosion Impacts**

- Cut trees for fires  
 Trampled  
 vegetation Mowed  
 areas  
 Trees damaged by people  
 Trees damaged by  
 environment Areas of  
 noticeable erosion

Description of Observations/Evidence of Vegetation Impacts: veg erosion, veg in upper lot is being driven over @ turn around

Description of Observations/Evidence of Erosion: erosion/wash out noticeable @ picnic area and stairs leading down to lower parking lot

Evidence of use at site: C, E, G, trash,

(C) Compaction, (E) Erosion, (G) Garbage, (GD) Ground disturbance, (HW) Human waste, (UI) Unauthorized improvements, (V) Vandalism, (VR) Vegetation removal, (O) Other (Specify)





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*potential for parking on outer limits of upper lot  
boulders are being used for parking limits*

**Evidence of Overcrowding:** (A) Anecdotal information, (FA) facility/amenity (C) capacity, (I) improper parking, (S) Signage, (SD) Site degradation, (U) Unauthorized sites, (W) Waiting lines, (O) Other (Specify)

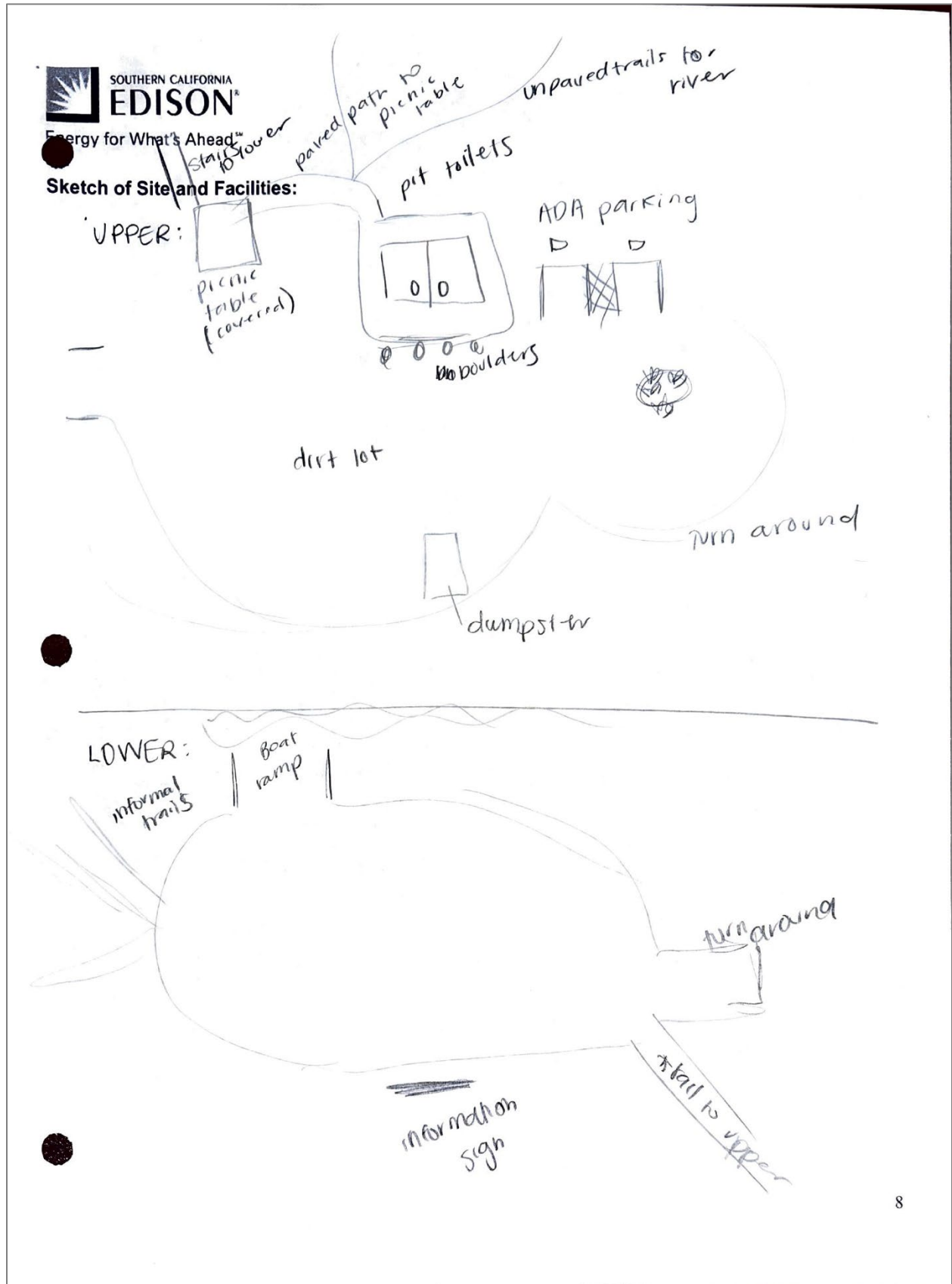
---



**Notes (including general condition, any restrictions/alerts, such as boating use, invasive species, etc.):**

NO Invasive species, no safety signs, upper to lower not UA  
unless using car, overall good condition but does have  
erosion issues, ~~with~~ some features not UA.

Photo number from \_\_\_ to \_\_\_





## KERN RIVER NO. 1 PROJECT DATA DICTIONARY

### Conditional Ratings

- N: Needs replacement-is non-functional or has broken or missing components
- R: Needs repair-has structural damage or is in an obvious state of disrepair
- M: Needs maintenance- is in need of attention (i.e. cleaning or painting is needed)
- G: Good condition-is functional and well maintained

### Anecdotal Information:

- Observations made by field staff (i.e. overflowing trash cans, tire tracks outside of delineated parking areas and access roads)

### Facility Type:

- The primary use of the site

### Road Access:

- The road in which is used to access/enter the site.

### Parking Lot:

- The designated or observed area where vehicles park to access the facility.

### Trash receptacles:

- Include all vessels designed to collect trash (i.e. trash cans, dumpsters)

### Informational Kiosk:

- A display structure with multiple informational signs
-



**KERN RIVER NO. 1  
 FERC 1930 PROJECT  
 RECREATION FACILITY CONDITION SITE  
 ASSESSMENT FORM**

Observed by: OSBORN & HUGHES Date/Time: 9/24 10:40  
 Site Name: Upper Richbar Picnic Area GPS Coordinates: 35.41427366  
 -118.7211234

**Brief Description of Site** (accessibility, health and safety concerns):

TWO parking lots, two restrooms (pit toilets), each pit toilet had one stall locked. ~~the~~ overall lacking UA. One UA toilet, other door would not open. NO UA picnic tables. paved paths skinny and rough. Dirty pit toilets, trash all over site.

**Facility Type**

- Day Use Area       Picnic Area       Boat Launching Area  
 Informal Site

**Road Access**

Condition Description: N R M (G) some potholes and uneven surfaces

- Paved access # lanes 1  
 Unpaved access # lanes \_\_\_\_\_

**Parking Lots:**

Condition Description: N R M (G) some potholes and uneven surfaces

**Brief Description of Parking Lot:**

Right lot has some potholes and 2 ADA spots w/ one overgrown  
 Left lot (lot 2) good condition, painting in both lots are fading. ~~the~~ UA spots in lot 2

Type	# Paved	# Estimated Gravel	Space Delineation
Universal Access Spaces	<u>4/2</u>	<u>8</u>	<input checked="" type="checkbox"/> Painted <input type="checkbox"/> Curbs <input checked="" type="checkbox"/> Signage
Regular Spaces	<u>~40</u>	<u>8</u>	<input checked="" type="checkbox"/> Painted <input type="checkbox"/> Curbs <input type="checkbox"/> Signage

NOT painted well - faded veg growing into some spots



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Vehicle & Trailer Spaces \_\_\_\_\_  Painted  Curbs  Signage  
*None identified.*

**Operations:**

Staffed  Unstaffed  Seasonal (From \_\_\_\_\_ To \_\_\_\_\_)  
 Fee: (Site \$~~14~~; Parking \$~~12~~)  Year Round

Operating Hours *12 sunrise - sundown* Owner/Manager \_\_\_\_\_  
Project Facility: \_\_\_\_\_ Within FERC Project boundary? \_\_\_\_\_



**Day Use Site Amenities (total # of all amenities per site; provide additional specifications on next page):**

#	Type	Condition (N-replace, R-repair, M-maintain, G-good)	Compliant with FSORAG Guidelines?) Y/N
0	Picnic Shelter	NA	NA
0	Overlook	NA	NA
14	Picnic Tables	M/R <sup>MISSING</sup>	N - none on paved path
	Pedestrian Trail	M/G	N - too skinny, uneven, rocky
0	Boating Prep Area	NA	NA
9	Trash Receptacles	G - not overflowing	Y on paved areas, N <sup>dumped</sup>
~10	Grills	M - trash <sup>rusty</sup>	N
0	Fishing Pier/Platform	NA	NA
0	Firepit/ring	NA	NA
0	Fishing Prep Area	NA	NA
1	Safety Signage	G - no water safety	Y
2	Restrooms	R - window broken, door <sup>won't open</sup>	N at least ones that work open
0	Information Kiosk	NA	NA
1	Informational Signage	G - <sup>blow</sup>	Y
0	Benches	NA	NA
0	Dumping Station	NA	NA
0	Potable Water	NA	NA
0	Playground	NA	NA

Other (specify) \_\_\_\_\_

**Boat Launch Facilities**

Condition Description:

NA

- Hard surface     Unimproved (informal)     Gravel     Carry In  
 Universal Access     Boat Prep Area    \_\_\_\_\_ # of Lanes

**Courtesy/Fishing Docks**

Condition Description:

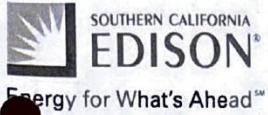
NA

- Courtesy Dock     Fishing Dock    Dimensions: \_\_\_\_\_     Universal Access  
 Courtesy Dock     Fishing Dock    Dimensions: \_\_\_\_\_     Universal Access

**Trails (within the recreation area)**

Condition Description:

one paved trail, <sup>splits to 2 areas</sup> lots of informal "trails" to picnic areas, rocky uneven trails, overgrown, trash on trails,  
 paved trail not wide enough, rough and had "drop off" <sup>3</sup>  
 paved trail due to erosion



Type: as paved  
Type: \_\_\_\_\_  
Type: \_\_\_\_\_

picnic overlook  
Length (ft): 141 + 268  
Length (ft): \_\_\_\_\_  
Length (ft): \_\_\_\_\_

Condition: M/R  
Condition: \_\_\_\_\_  
Condition: \_\_\_\_\_

Universal Access NO  
 Universal Access  
 Universal Access





**Interpretive/Site Information**

Condition Description: one information sign @ fee post, mostly fire + grass safety, no water safety

1 No. of Displays

- Boating Safety    Invasive Species    Fishing Regulations    Fish Type  
 Regional Events    Other (specify) fire safety/rules

**Signage**

Condition Description: info/site sign @ entrance in good condition - no water safety

- Part 8    Directional    Informational    Other

**Sanitation Facilities**

Condition Description: 2 buildings w/ 2 "stalls". Each building had one locked. Messy, broken window, vandalism. Door won't open all the way for one building, paved path around each, trash outside for each

	# Flush	(# UA*)	# Portable	(# ADA)	Remarks
Unisex		(N)	PIT 2	( )	
Women		( )		( )	
Men		( )		( )	

\*UA = Universal Access

**Observed Vegetation and Erosion Impacts**

- Cut trees for fires  
 Trampled on trails  
 vegetation Mowed areas  
 Trees damaged by people carving into trees  
 Trees damaged by environment  
 Areas of noticeable erosion

**Description of Observations/Evidence of Vegetation Impacts:**

carving on trees, some "trampling" on trails - just because they are skinny.

**Description of Observations/Evidence of Erosion:**

paved path to beach NOT terrible but @

**Evidence of use at site:**

G! HW, V, trash, UI - moving of table  
 (C) Compaction, (E) Erosion, (G) Garbage, (GD) Ground disturbance, (HW) Human waste, (UI) Unauthorized improvements, (V) Vandalism, (VR) Vegetation removal, (O) Other (Specify)



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**Evidence of Overcrowding:** \_\_\_\_\_

(A) Anecdotal information, (FA) facility/amenity (C) capacity, (I) improper parking, (S) Signage, (SD) Site degradation, (U) Unauthorized sites, (W) Waiting lines, (O) Other (Specify)

↓  
beach areas - yes, lots of trash, toys, unauth. fires/  
fire rings, SD,

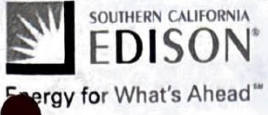


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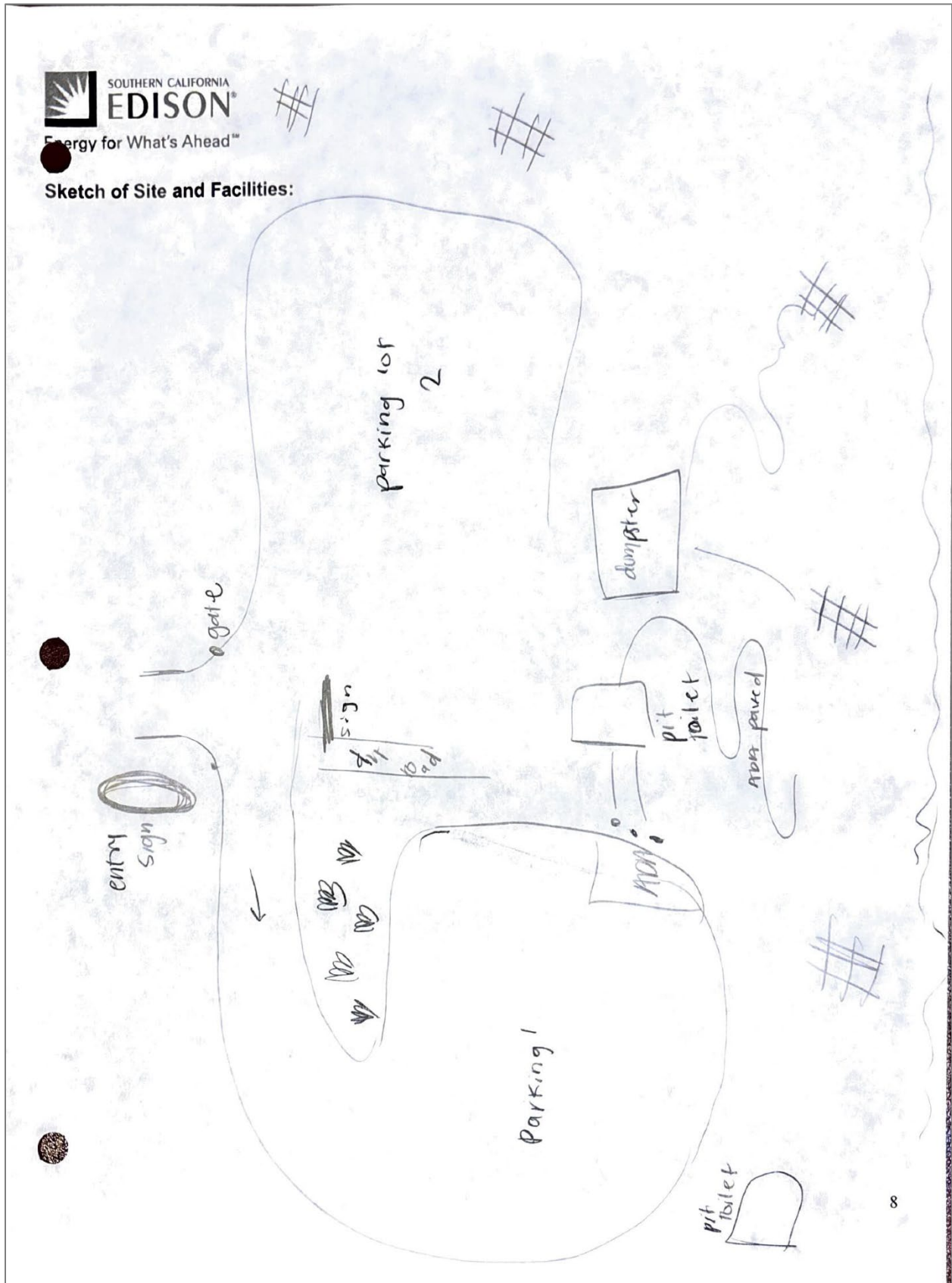
**Notes (including general condition, any restrictions/alerts, such as boating use, invasive species, etc.):**

UA picnic table moved onto beach, No invasive info,  
NO water safety info, trash everywhere even  
w/ large dumpster, NO UA picnic table, rocky  
trails, vandalism on pit toilets, trees, rocks, fabrics etc.

Photo number from \_\_\_ to \_\_\_



Sketch of Site and Facilities:





## KERN RIVER NO. 1 PROJECT DATA DICTIONARY

### Conditional Ratings

- N: Needs replacement-is non-functional or has broken or missing components
- R: Needs repair-has structural damage or is in an obvious state of disrepair
- M: Needs maintenance- is in need of attention (i.e. cleaning or painting is needed)
- G: Good condition-is functional and well maintained

### Anecdotal Information:

- Observations made by field staff (i.e. overflowing trash cans, tire tracks outside of delineated parking areas and access roads)

### Facility Type:

- The primary use of the site

### Road Access:

- The road in which is used to access/enter the site.

### Parking Lot:

- The designated or observed area where vehicles park to access the facility.

### Trash receptacles:

- Include all vessels designed to collect trash (i.e. trash cans, dumpsters)

### Informational Kiosk:

- A display structure with multiple informational signs
-



**KERN RIVER NO. 1  
 FERC 1930 PROJECT  
 RECREATION FACILITY CONDITION SITE  
 ASSESSMENT FORM**

Observed by: OSBORN + HUGHES Date/Time: 9/24 12:40

Site Name: Lower Richbar Day Use GPS Coordinates: 35.4769211  
 -118.7244619

**Brief Description of Site** (accessibility, health and safety concerns):

site has one parking lot and one pit toilet structure, 11 picnic sites, closed when assessment done, bathrooms locked-unable to get measurements, no trash, one UA trail, lots of informal trails, no info on sign

**Facility Type**

- Day Use Area       Picnic Area       Boat Launching Area  
 Informal Site

**Road Access**

Condition Description: N R M (G)

- Paved access # lanes 1  
 Unpaved access # lanes \_\_\_\_\_

**Parking Lots:**

Condition Description: N R M (G)

**Brief Description of Parking Lot:**

one UA spot and one old questionable UA spot. Roughly 10 standard parking spots, painting of lines is fading

Type	# Paved	# Estimated Gravel	Space Delineation
Universal Access Spaces	<u>1?</u>	—	<input checked="" type="checkbox"/> Painted <input type="checkbox"/> Curbs <input checked="" type="checkbox"/> Signage
Regular Spaces	<u>~10</u>	—	<input checked="" type="checkbox"/> Painted <input type="checkbox"/> Curbs <input type="checkbox"/> Signage



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Vehicle & Trailer Spaces \_\_\_\_\_  Painted  Curbs  Signage  
*none identified*

**Operations:**

Staffed  Unstaffed  Seasonal (From \_\_\_\_\_ To \_\_\_\_\_)  
 Fee: (Site \$\_\_\_\_; Parking \$\_\_\_\_)  Year Round

Operating Hours \_\_\_\_\_  
Project Facility: \_\_\_\_\_

Owner/Manager \_\_\_\_\_  
Within FERC Project boundary? \_\_\_\_\_

→ Fee post existed but no envelopes or signs for fee amount



**Day Use Site Amenities (total # of all amenities per site; provide additional specifications on next page):**

#	Type	Condition (N-replace, R-repair, M-maintain, G-good)	Compliant with FSORAG Guidelines?) Y/N
0	Picnic Shelter	NA	NA
0	Overlook	NA	NA
11	Picnic Tables	G	Y - one on paved path
4	Pedestrian Trail	M - more paved, bumpy, informal trails	Y - one on paved path, but within standards
0	Boating Prep Area	NA	NA
0	Trash Receptacles	N - no trash but could be since closed	? UNKN
5	Grills	M - rusty	one - Y on paved areas
0	Fishing Pier/Platform	NA	NA
3	Firepit/ring	G	N
0	Fishing Prep Area	NA	NA
1	Safety Signage	R - empty - no flyers into	Y
1	Restrooms	UNK	UNK
0	Information Kiosk	NA	NA
1	Informational Signage	R - empty - no info on it	Y
0	Benches	NA	NA
0	Dumping Station		
0	Potable Water		
0	Playground		

Other (specify) \_\_\_\_\_

**Boat Launch Facilities**

Condition Description: NA

- Hard surface     Unimproved (informal)     Gravel     Carry In  
 Universal Access     Boat Prep Area    \_\_\_\_\_ # of Lanes

**Courtesy/Fishing Docks**

Condition Description: NA

- Courtesy Dock     Fishing Dock    Dimensions: \_\_\_\_\_  Universal Access  
 Courtesy Dock     Fishing Dock    Dimensions: \_\_\_\_\_  Universal Access

**Trails (within the recreation area)**

Condition Description:  
 paved trail was bumpy and uneven  
 lots of overgrown informal trails leading to  
 river or picnic areas





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Type: <u>paved</u>	Length (ft): <u>70</u>	Condition: <u>M</u>	<input type="checkbox"/> Universal Access
Type: _____	Length (ft): _____	Condition: _____	<input type="checkbox"/> Universal Access
Type: _____	Length (ft): _____	Condition: _____	<input type="checkbox"/> Universal Access

NO

→ uneven



**Interpretive/Site Information**

Condition Description: one display w/ no information - could be because site is "closed". Fee post was not filled w/ envelopes  
 1 No. of Displays

- Boating Safety  Invasive Species  Fishing Regulations  Fish Type  
 Regional Events  Other (specify)

**Signage**

Condition Description: Informational sign was not in use - see notes above. NO information

- Part 8  Directional  Informational  Other

**Sanitation Facilities**

Condition Description: UNKNOWN condition - stalls were locked appeared UA, same structure as Democrat pit

	# Flush	(# UA*)	# Portable	(# ADA)	Remarks
Unisex		( )	X 2	( )	
Women		( )		( )	
Men		( )		( )	

\*UA = Universal Access

**Observed Vegetation and Erosion Impacts**

- Cut trees for fires - one tree showing signs of burn, other trees marked and cut  
 Trampled vegetation Mowed on informal trails  
 Trees damaged by people - carving/ vandalism  
 Trees damaged by environment  
 Areas of noticeable erosion

**Description of Observations/Evidence of Vegetation Impacts:** Veg stepped on, on informal trails

**Description of Observations/Evidence of Erosion:** No noticeable erosion

**Evidence of use at site:**

- (C) Compaction, (E) Erosion, (G) Garbage, (GD) Ground disturbance, (HW) Human waste, (UI) Unauthorized improvements, (V) Vandalism, (VR) Vegetation removal, (O) Other (Specify)



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**Evidence of Overcrowding:** NONE but trash observed

(A) Anecdotal information, (FA) facility/amenity (C) capacity, (I) improper parking, (S) Signage, (SD) Site degradation, (U) Unauthorized sites, (W) Waiting lines, (O) Other (Specify)

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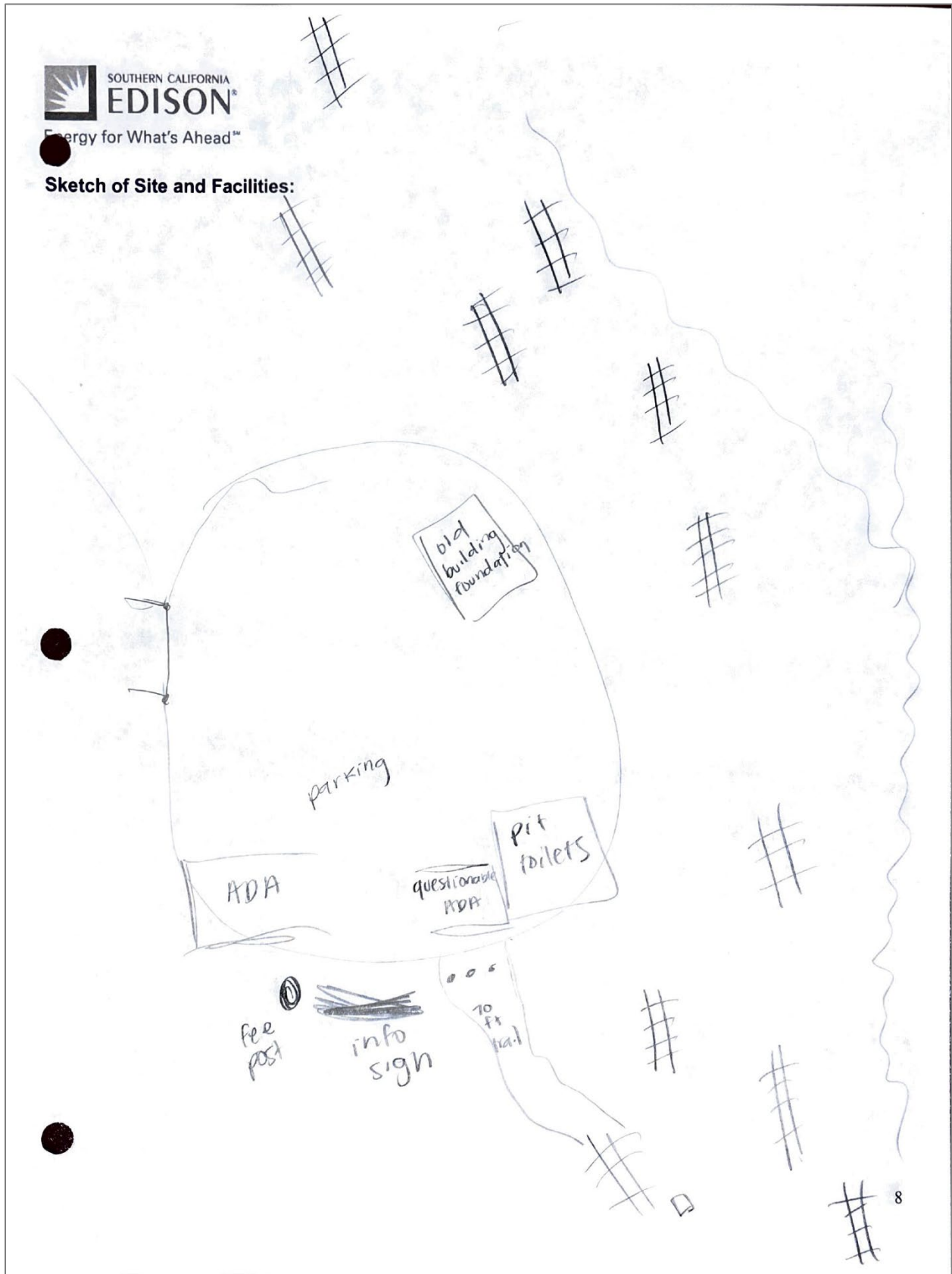


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**Notes (including general condition, any restrictions/alerts, such as boating use, invasive species, etc.):**

vandalism, site locked, no trash, Some degradation of wooden picnic tables, veg impact on informal trails

Photo number from \_\_\_ to \_\_\_





## KERN RIVER NO. 1 PROJECT DATA DICTIONARY

### Conditional Ratings

- N: Needs replacement-is non-functional or has broken or missing components
- R: Needs repair-has structural damage or is in an obvious state of disrepair
- M: Needs maintenance- is in need of attention (i.e. cleaning or painting is needed)
- G: Good condition-is functional and well maintained

### Anecdotal Information:

- Observations made by field staff (i.e. overflowing trash cans, tire tracks outside of delineated parking areas and access roads)

### Facility Type:

- The primary use of the site

### Road Access:

- The road in which is used to access/enter the site.

### Parking Lot:

- The designated or observed area where vehicles park to access the facility.

### Trash receptacles:

- Include all vessels designed to collect trash (i.e. trash cans, dumpsters)

### Informational Kiosk:

- A display structure with multiple informational signs
-



**KERN RIVER NO. 1  
 FERC 1930 PROJECT  
 RECREATION FACILITY CONDITION SITE  
 ASSESSMENT FORM**

Observed by: DSBORN + HUGHES Date/Time: 9/24 1:37

Site Name: Live Oak Day Use GPS Coordinates: 31 47146187  
 -118, 731751

**Brief Description of Site** (accessibility, health and safety concerns):

one parking lot w/ one pit toilet structure, little trash, ~10 picnic sites w/ various grills, one table damaged/missing some grills missing, no info on signs and bathrooms locked - since site is closed, 3 ADA parking spots 16 spots total, less shade, farther from river

**Facility Type**

- Day Use Area       Picnic Area       Boat Launching Area  
 Informal Site

**Road Access**

Condition Description: N R M G

- Paved access # lanes 1  
 Unpaved access # lanes \_\_\_\_\_

**Parking Lots:**

Condition Description: N R M G

**Brief Description of Parking Lot:**

one parking lot paved w/ 3 ADA spots and 16 total <sup>13</sup> striping/painting fading <sub>3 ada</sub>

Type	# Paved	# Estimated Gravel	Space Delineation
Universal Access Spaces	<u>3</u>	<u>0</u>	<input checked="" type="checkbox"/> Painted <input type="checkbox"/> Curbs <input checked="" type="checkbox"/> Signage
Regular Spaces	<u>13</u>	<u>0</u>	<input checked="" type="checkbox"/> Painted <input type="checkbox"/> Curbs <input type="checkbox"/> Signage



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Vehicle & Trailer Spaces \_\_\_\_\_  Painted  Curbs  Signage

*none identified*

**Operations:**

- Staffed  Unstaffed
- Fee: (Site \$\_\_\_\_; Parking \$\_\_\_\_)
- Seasonal (From \_\_\_\_\_ To \_\_\_\_\_)
- Year Round

Operating Hours \_\_\_\_\_  
Project Facility: \_\_\_\_\_

Owner/Manager \_\_\_\_\_  
Within FERC Project boundary? \_\_\_\_\_

*unknown fee due to site closed for season*





**Day Use Site Amenities (total # of all amenities per site; provide additional specifications on next page):**

#	Type	Condition (N-replace, R-repair, M-maintain, G-good)	Compliant with FSORAG Guidelines?) Y/N
1	Picnic Shelter	⊕	Y - 4ft rule good w/poles
0	Overlook	NA	NA
9	Picnic Tables	G - one missing	Y - 2 spots
	Pedestrian Trail	M - paved and gravel	Y+N - paved trail too steep for UA. Properly graded good
0	Boating Prep Area	NA	NA
0	Trash Receptacles	none but closed	None
3	Grills	G - some missing - 1 pole	Y - 2 UA
0	Fishing Pier/Platform	NA	NA
0	Firepit/ring	NA	NA
0	Fishing Prep Area	NA	NA
2	Safety Signage	nothing on signs	Y
1	Restrooms	G but UNKNOWN	UNKNOWN
0	Information Kiosk	NA	NA
2	Informational Signage	none on signs	Y
0	Benches	NA	NA
0	Dumping Station	NA	NA
0	Potable Water	NA	NA
0	Playground	NA	NA

Other (specify) \_\_\_\_\_

**Boat Launch Facilities**

Condition Description: NA

- Hard surface     Unimproved (informal)     Gravel     Carry In  
 Universal Access     Boat Prep Area    \_\_\_\_\_ # of Lanes

**Courtesy/Fishing Docks**

Condition Description: NA

- Courtesy Dock     Fishing Dock    Dimensions: \_\_\_\_\_  Universal Access  
 Courtesy Dock     Fishing Dock    Dimensions: \_\_\_\_\_  Universal Access

**Trails (within the recreation area)**

Condition Description:  
 one true UA paved trail and 2 short paved "trails" both too steep for UA. lots of informal trails to picnic areas and river, overgrown and rocky



Type: <u>paved to UA</u>	Length (ft): <u>60</u>	Condition: <u>M/G</u>	<input checked="" type="checkbox"/> Universal Access
Type: <u>paved steep</u>	Length (ft): <u>6</u>	Condition: <u>M</u>	<input type="checkbox"/> Universal Access <u>N</u>
Type: <u>paved steep</u>	Length (ft): <u>29</u>	Condition: <u>M</u>	<input type="checkbox"/> Universal Access <u>N</u>



**Interpretive/Site Information**

Condition Description: two sign boards but no info-closed for season

\_\_\_ No. of Displays

- Boating Safety
- Invasive Species
- Fishing Regulations
- Fish Type
- Regional Events
- Other (specify)

**Signage**

Condition Description: entry sign, two sign boards but no info since site was closed

- Part 8
- Directional
- Informational
- Other

**Sanitation Facilities**

Condition Description: one pit toilet structure but locked. appeared UA compliant but unknown

	# Flush	(# UA*)	# <sup>pit</sup> Portable	(# ADA)	Remarks
Unisex		(unk)	x 2	(unk)	
Women		( )		( )	
Men		( )		( )	

\*UA = Universal Access

**Observed Vegetation and Erosion Impacts**

- Cut trees for fires one cut tree unknown reason
- Trampled vegetation Mowed veg looked previously mowed on trails
- areas
- Trees damaged by people
- Trees damaged by environment
- Areas of noticeable erosion

**Description of Observations/Evidence of Vegetation Impacts:**

some trampled on trails that were overgrown

**Description of Observations/Evidence of Erosion:**

~~side channel~~ "side channel" but not true erosion

**Evidence of use at site:** C, G, V

(C) Compaction, (E) Erosion, (G) Garbage, (GD) Ground disturbance, (HW) Human waste, (UI) Unauthorized improvements, (V) Vandalism, (VR) Vegetation removal, (O) Other (Specify)



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**Evidence of Overcrowding:** hard to say w/ site closed

(A) Anecdotal information, (FA) facility/amenity (C) capacity, (I) improper parking, (S) Signage, (SD) Site degradation, (U) Unauthorized sites, (W) Waiting lines, (O) Other (Specify)

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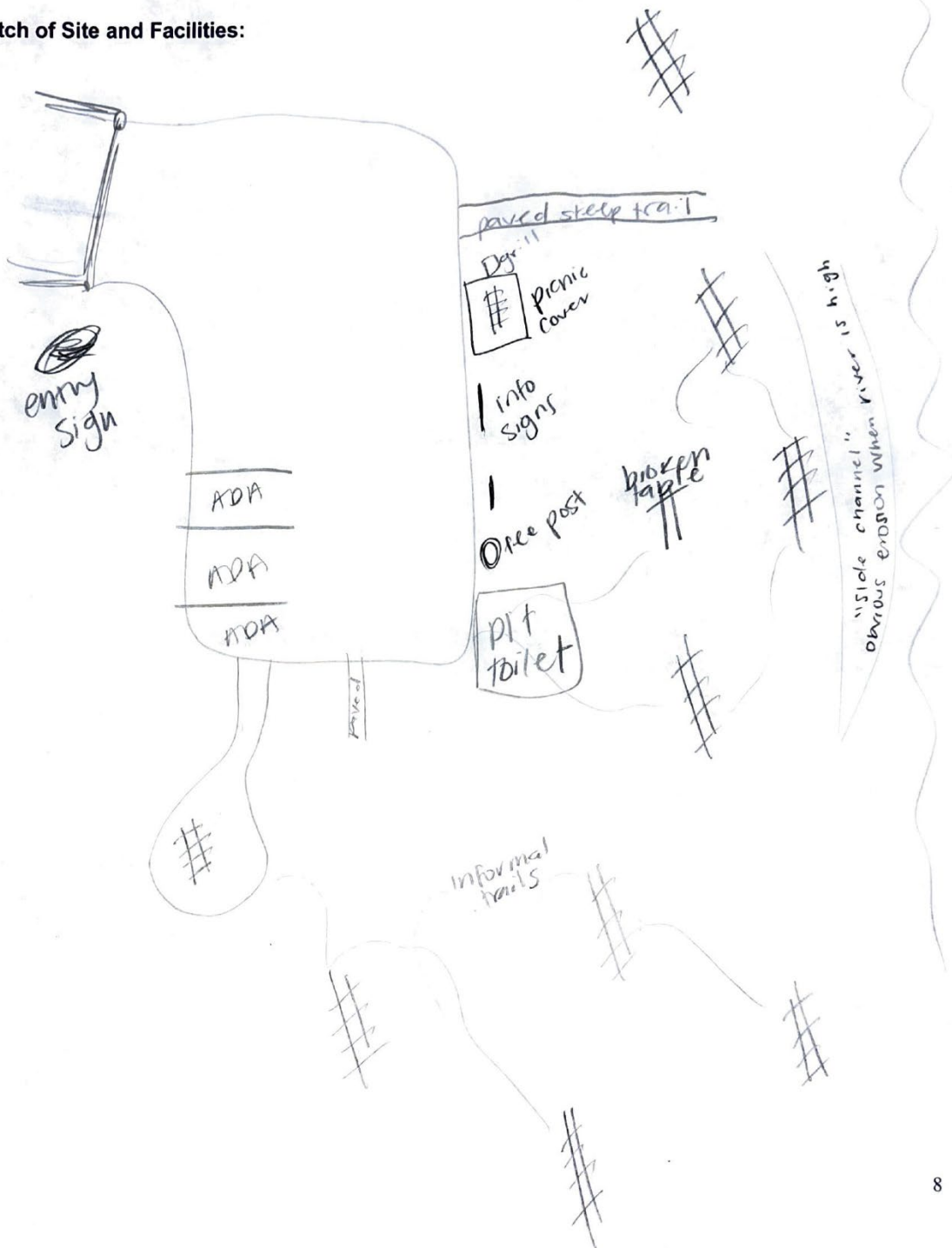
**Notes (including general condition, any restrictions/alerts, such as boating use, invasive species, etc.):**

site closed, no info on signs, picnic tables damaged  
grills missing, farther from "beach" access, VA  
compliant/best out of all day use areas

Photo number from \_\_\_ to \_\_\_



**Sketch of Site and Facilities:**





## KERN RIVER NO. 1 PROJECT DATA DICTIONARY

### Conditional Ratings

- N: Needs replacement-is non-functional or has broken or missing components
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- M: Needs maintenance- is in need of attention (i.e. cleaning or painting is needed)
- G: Good condition-is functional and well maintained

### Anecdotal Information:

- Observations made by field staff (i.e. overflowing trash cans, tire tracks outside of delineated parking areas and access roads)

### Facility Type:

- The primary use of the site

### Road Access:

- The road in which is used to access/enter the site.

### Parking Lot:

- The designated or observed area where vehicles park to access the facility.

### Trash receptacles:

- Include all vessels designed to collect trash (i.e. trash cans, dumpsters)

### Informational Kiosk:

- A display structure with multiple informational signs
-