Lundy Hydroelectric Project
FERC No. 1390

Welcome!

Using the chat, please write your name, organization, and your favorite winter activity.

Initial Study Report Meeting
January 15, 2026

Welcome and Land Acknowledgment

SCE would like to take a moment and recognize that the Lundy Project is located on the Mono Lake Kootzaduka'a Tribes' traditional lands, which they have stewarded for generations.

Initial Study Report Meeting Agenda

- Safety moment
- Welcome and introductions
- Meeting objectives
- Relicensing Schedule Review
- Review studies
- Schedule, next steps, action items
- Questions and discussion

Safety Moment

Lundy Relicensing Team

SCE Team

Matthew Woodhall
Project Manager

Matthew Paruolo
Local Public Affairs

Audry Williams
Cultural Resources Manager

Seth Carr
Operations Manager

Consultant Team

Finlay Anderson
Project Manager

Angela Whelpley
Assistant Project Manager, Recreation and Land Use

Kelly Larimer
Project Director

Brad Blood, Steve Norton, and **Allison Rudalevige**
Terrestrial and Botanical

Heather Neff, Christina Buck, Dirk Pedersen, and **Matt McKechnie**
Fish and Aquatics

Lynn Johnson
Tribal

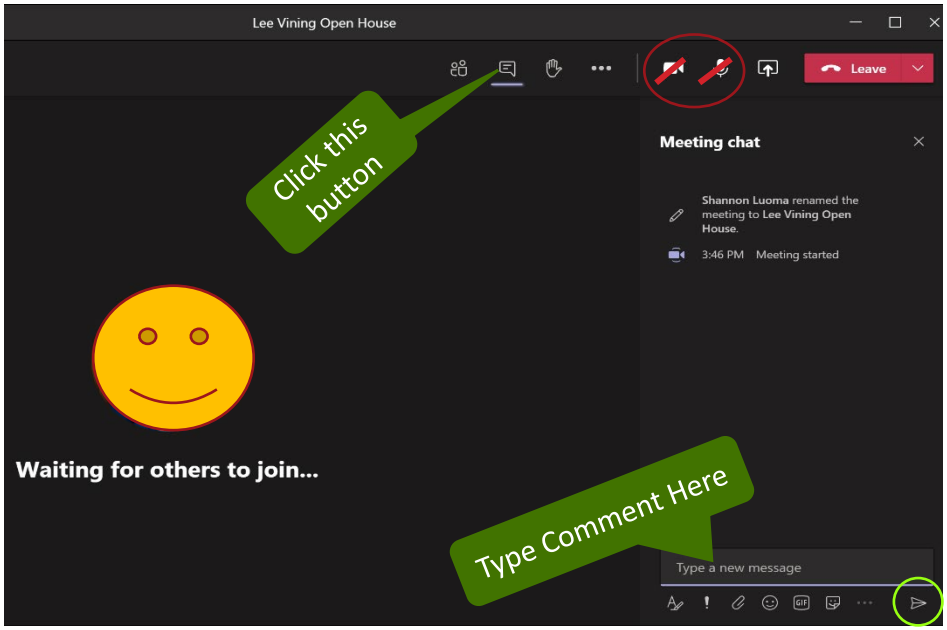
Jay King and **Meta Bunse**
Cultural Resources – Archaeology and Built Environment

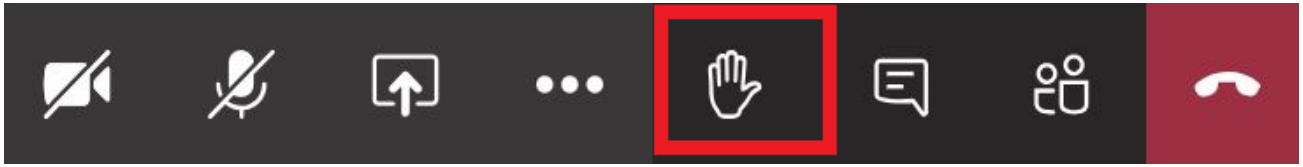
Meeting Goals

- Update relicensing participants on the relicensing process and accept any feedback
- Provide an opportunity for relicensing participant questions about the study progress described in the Initial Study Report
- Preview 2026 activities and milestones
- Confirm process for requesting new studies or modifications to existing studies

Meeting Tips and Guidelines

- Please wait to be called on and then unmute your line
  - Introduce yourself (name and affiliation) prior to speaking
- Listen and respect each other
- Stay on topic
- Ask a question by typing it into the chat box during the presentation or by using the raise your hand feature





Relicensing Milestones

Milestone	Date
~~Stakeholder Comments on SD1 due~~	~~June 24, 2024~~
~~FERC Issues SD2 (if necessary)~~	~~August 6, 2024~~
~~SCE Files Proposed Study Plan (PSP)~~	~~August 6, 2024~~
~~SCE Hosts PSP meeting~~	~~September 5, 2024~~
~~Stakeholder Comments on PSP due~~	~~November 4, 2024~~
~~SCE Files Revised Study Plan (RSP)~~	~~December 4, 2024~~
~~FERC Issues Study Plan Determination~~	~~January 3, 2025~~
~~SCE Conducts 1st Year Studies~~	~~Spring - Fall 2025~~
~~SCE Files Initial Study Report (ISR)~~	~~January 5, 2026~~
SCE Hosts ISR Meeting	**January 15, 2026**
SCE Conducts 2nd Year Studies	Spring - Fall 2026
SCE Files Draft License Application	October 1, 2026
Stakeholder Comments on DLA due	December 30, 2026
SCE Files Updated Study Report (USR)	January 4, 2027
SCE Hosts USR meeting	January 18, 2027
SCE files Final License Application	February 28, 2027

SOUTHERN CALIFORNIA EDISON®
Energy for What's Ahead℠

2025 (YEAR 1) STUDY PROGRESS

Fish and Aquatics Studies

WQ-1 Lundy Lake and Mill Creek Water Quality Monitoring

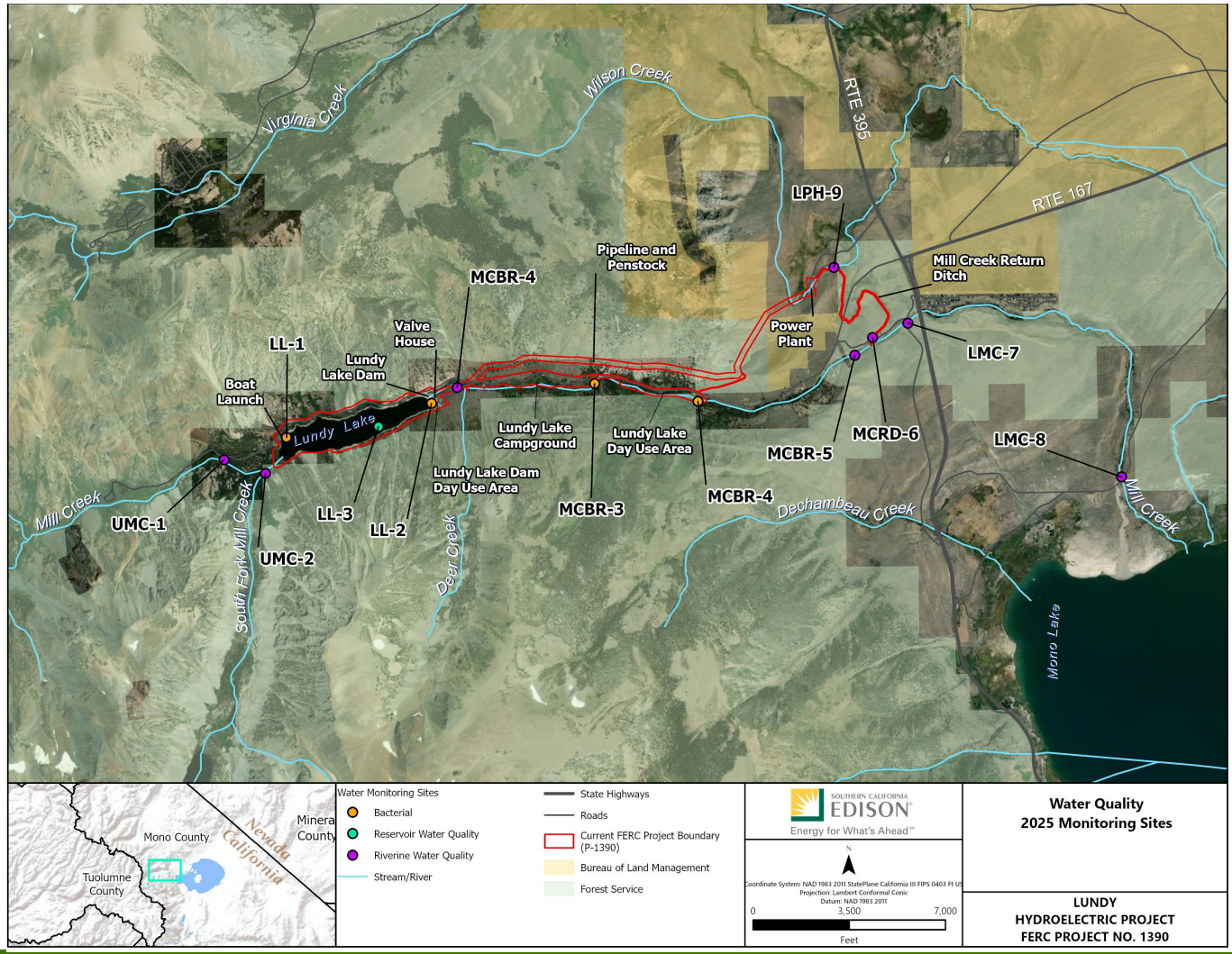
WQ-2 Lundy Lake and Mill Creek Water Temperature Monitoring

AQ-1 Fish Community Survey

AQ-2 Fish Stranding Study

WQ-1 Lundy Lake and Mill Creek Water Quality Monitoring

Study Area Map



WQ-1 Lundy Lake and Mill Creek Water Quality Monitoring

Study Objectives

- Characterize existing water quality conditions in Lundy Lake and Project-affected stream reaches of Mill Creek


Lundy Lake

WQ-1 Lundy Lake and Mill Creek Water Quality Monitoring

Methods

- Reservoir and Stream Water Quality Sampling
  - 9 sites
  - 3 seasonal sampling events
  - In situ (Temp, DO, pH, SpC, and turbidity)
  - Analytical
    - General chemistry and minerals, nutrients and productivity, metals, oil and grease
- Bacteriological Sampling
  - 4 recreation sites
  - 7 consecutive weeks surrounding Labor Day
  - *E. coli*, fecal coliform, and total coliform
- Fish Tissue Mercury Sampling
  - Lundy Lake
  - Collected during AQ-1 Fish Community surveys
  - Rainbow trout and brown trout
  - Total mercury in fish tissue

Lundy Day Use Area on Mill Creek

WQ-1 Water Quality Monitoring

Study Plan Modifications

SCE is not proposing any modifications to WQ-1 as approved by FERC in its study plan determination

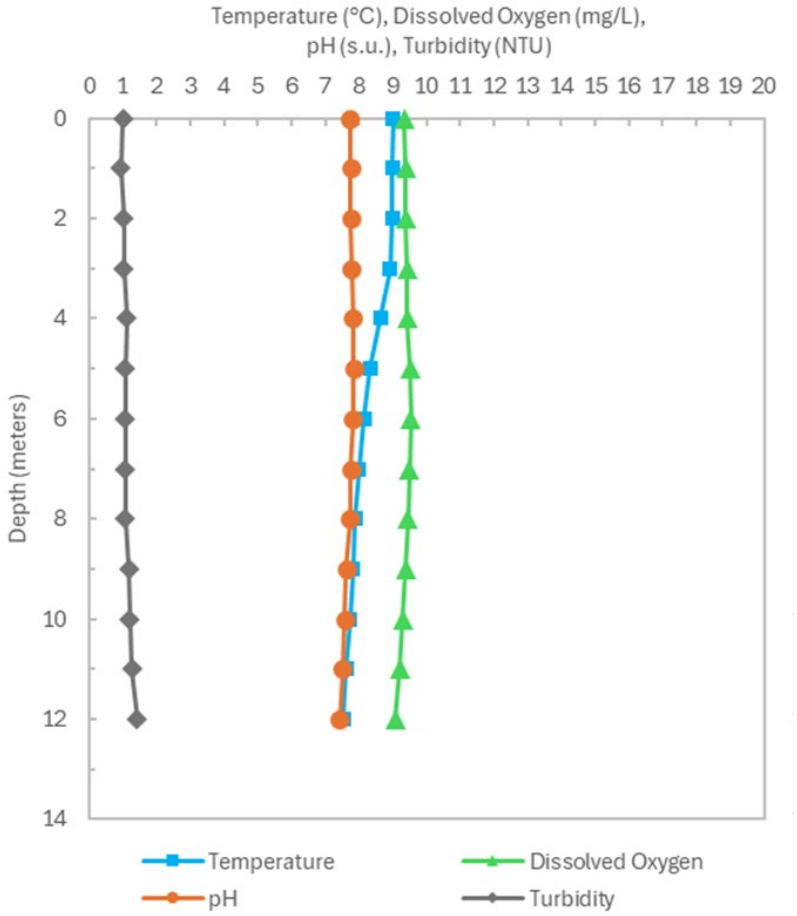
Variances to Approved Methods

- Two additional stream water quality sampling events to characterize potential effects of MCRD return flows on Mill Creek
  - June and July 2025
  - Mill Creek upstream and downstream of the confluence with the MCRD and at the MCRD upstream of the confluence with Mill Creek (3 sites).
- One additional site to characterize Lundy Powerhouse outflow conditions
- Additional chlorophyll-a sample collection due to laboratory processing issues
- No duplicate collected during the summer sampling event
- Additional water quality and eDNA sample collection to assess the suitability of Lundy Lake to the establishment of golden mussels
  - Continuous water temperature, in situ parameters, calcium, and alkalinity
  - eDNA samples analyzed for golden, quagga, and zebra mussels

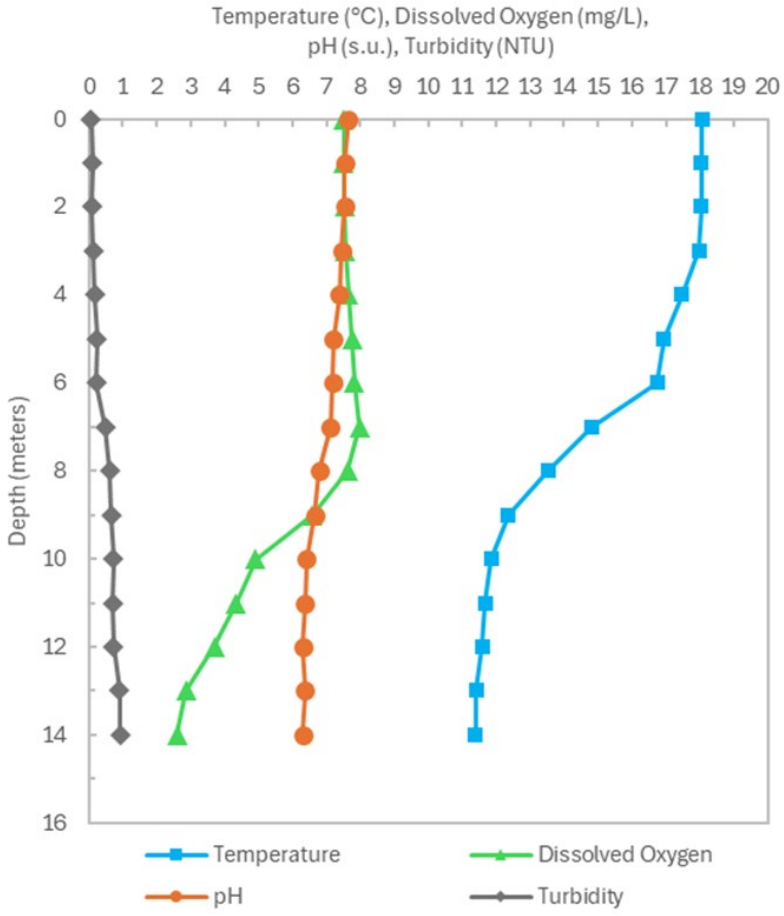
WQ-1 Water Quality Monitoring

In Situ Results - Reservoir

Spring



Summer



WQ-1 Water Quality Monitoring

In Situ Results – Riverine

Analyte	Units	Spring	Summer
Water Temperature	°C	5.7–7.9	10–19.3
Dissolved Oxygen	mg/L	9.5–10	7.4–8.5
Dissolved Oxygen	%	100–103	98–107
pH	s.u.	7.4–7.8	7.1–8.1
Specific Conductance	µS/cm	74–79	59–76
Turbidity	NTU	1.2–3.5	0.2–4.5

WQ-1 Water Quality Monitoring

Analytical Results - Reservoir & Riverine

- Clear water
  - Low total suspended and dissolved solids
- Low buffering capacity
  - Low alkalinity, hardness, and mineral concentrations
- Nutrient levels and productivity indicators were low
- Low trace metal concentrations
- Oil and grease were not detected

Lundy Lake water quality sampling

WQ-1 Water Quality Monitoring

Bacteria Results – *E. coli*

Analyte (Units)	Date (2025)	Lundy Lake		Mill Creek	
		Bac-LL-1	Bac-LL-2	Bac-MCBR-3	Bac-MCBR-4
E. Coli (MPN/100 mL)	8/7	<1	<1	13.4	21.6
	8/13	<1	<1	18.5	17.3
	8/19	<1	<1	24.9	23.1
	8/28	<1	1.0	2.0	7.5
	9/4	<1	<1	4.1	6.3
	9/11	<1	9.7	3.1	5.2
	9/19	<1	<1	7.4	8.6

WQ-1 Water Quality Monitoring

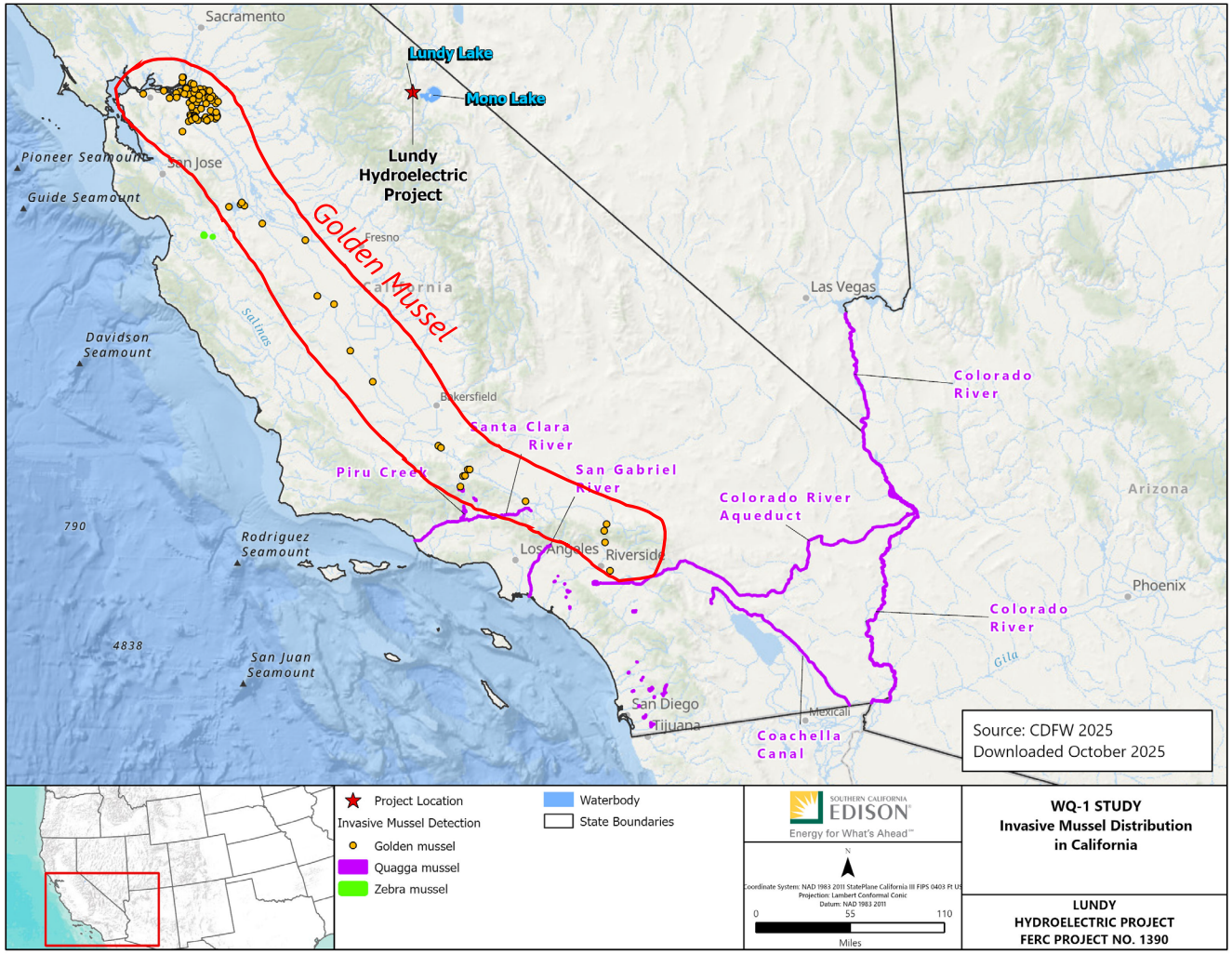
Mercury in Fish Tissue Results

	Rainbow Trout (Trophic Level 3)	Brown Trout (Trophic Level 4)
Physical Characteristics		
Total Number of Fish	3	9
Total Length (mm)	308–420	179–317
Total Mercury in Fish Tissue*		
Min–Max (µg/g ww)	0.009–0.066	0.033–0.249
Average (µg/g ww)	0.032	0.124

* Data not included in the ISR report.

WQ-1 Water Quality Monitoring

Golden Mussel Distribution

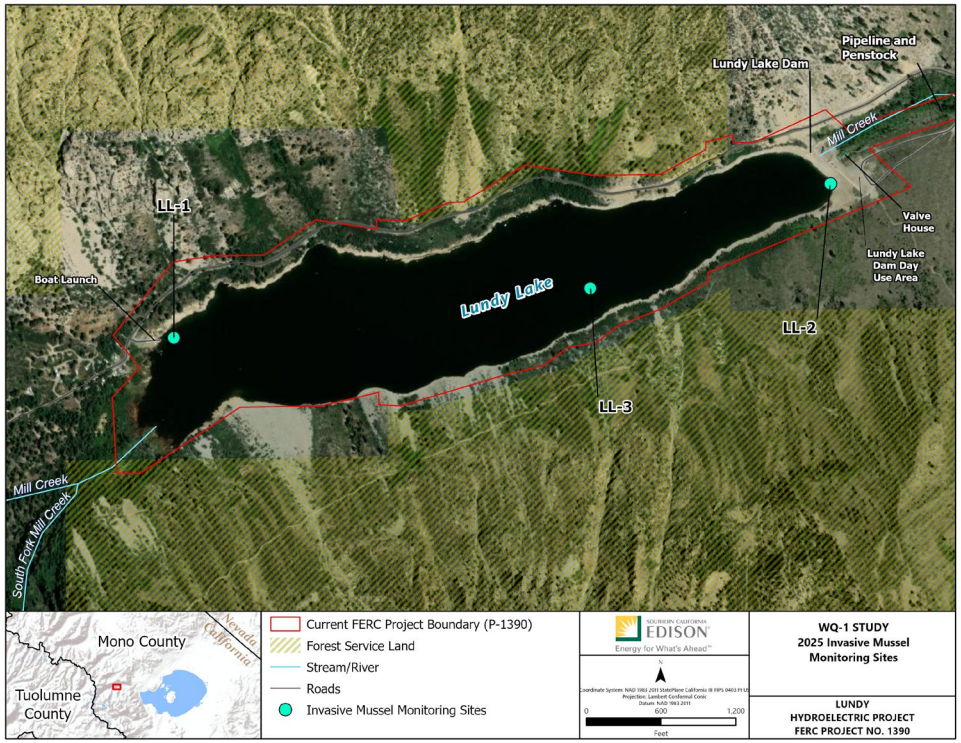


WQ-1 Water Quality Monitoring

Invasive Mussel Monitoring

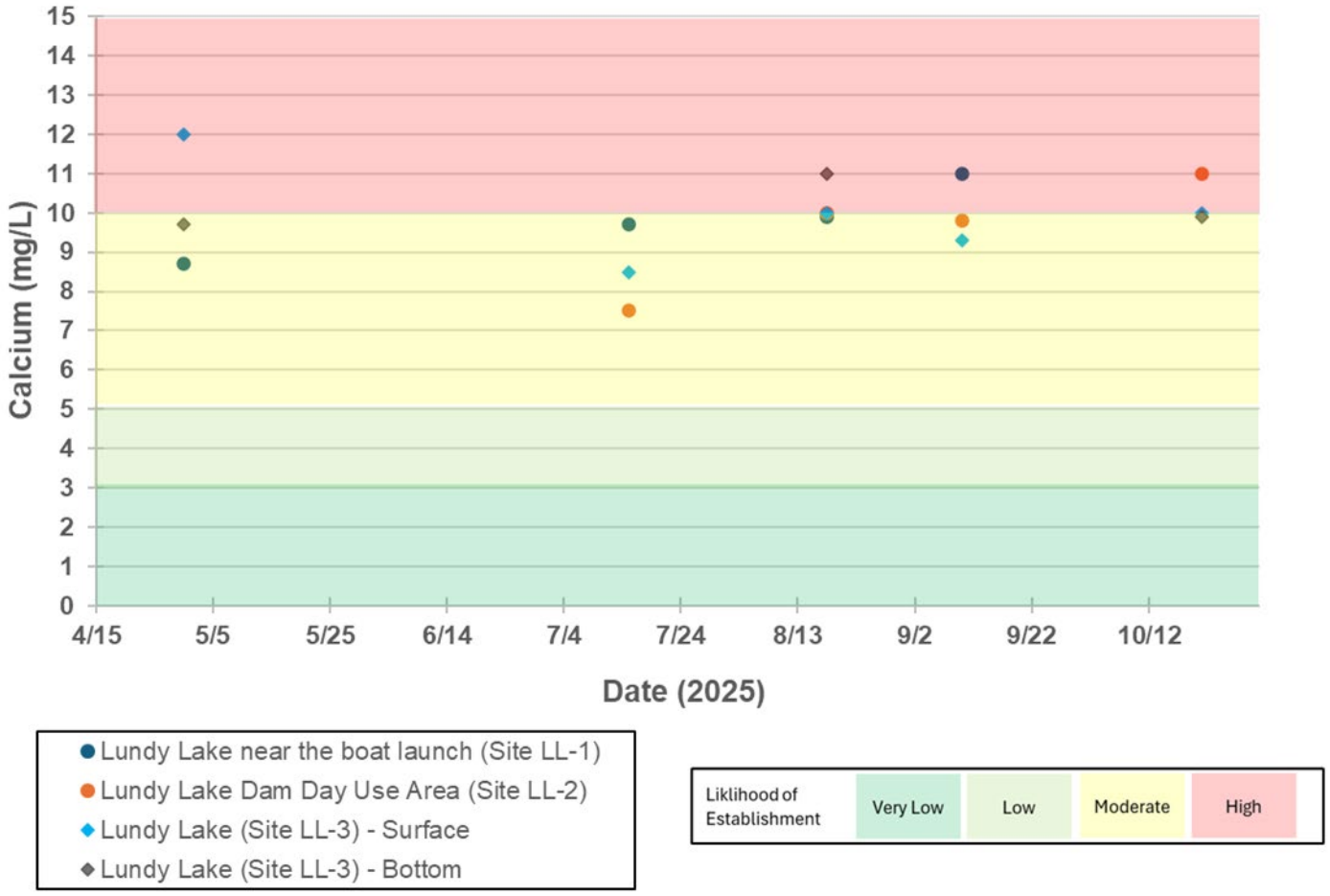
Methods

- Water Quality Sampling
  - In situ
  - Calcium & alkalinity
- Continuous water temperature
  - 2 edgewater locations to capture introduction points
  - Array near the deepest part of the reservoir
  - Deployed between July 2025 and spring 2026
- eDNA sampling
  - 2 edgewater locations near recreation sites
  - 3 sampling events
  - Golden, zebra, and quagga mussels



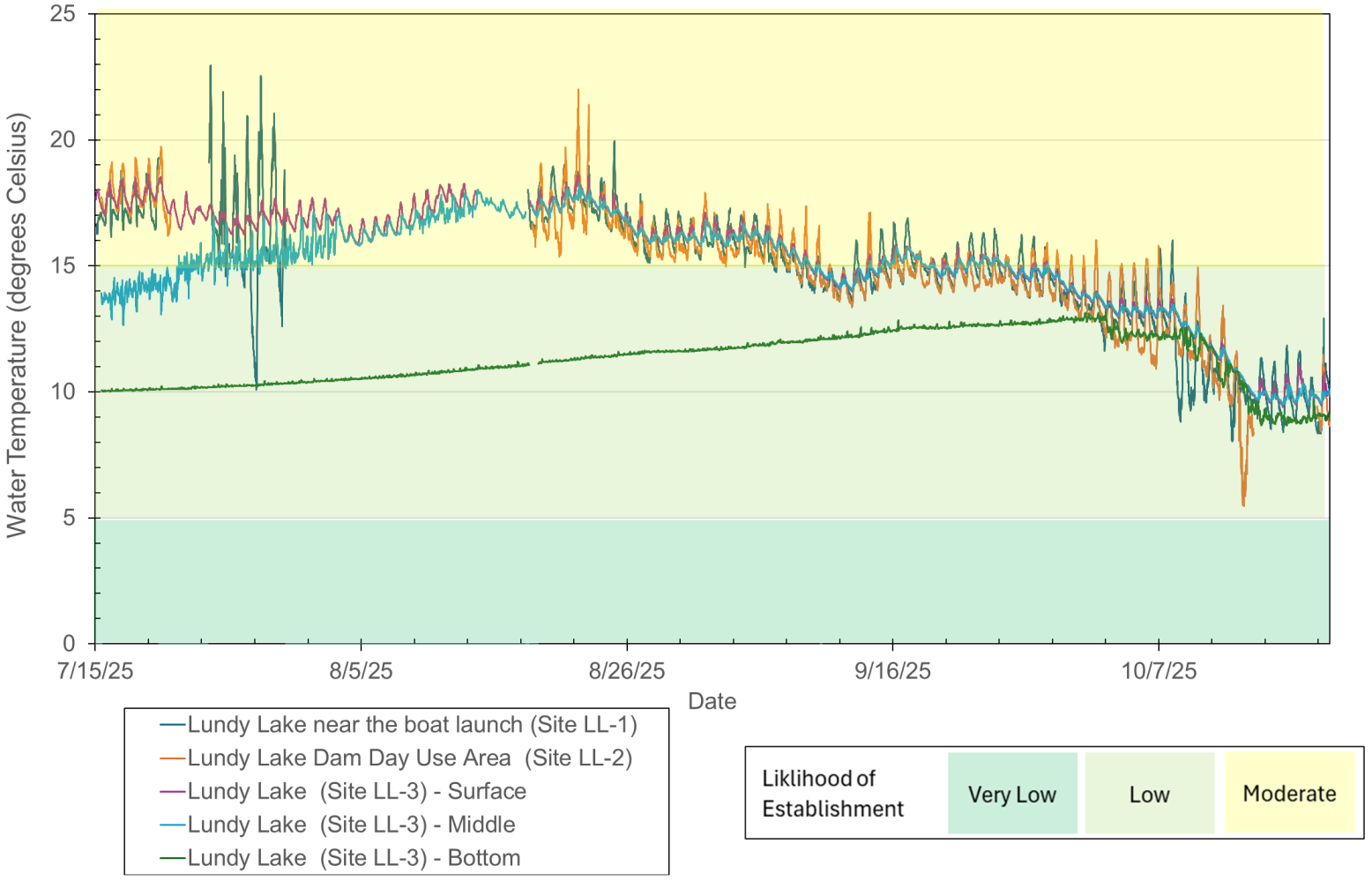
WQ-1 Water Quality Monitoring

Likelihood of Golden Mussel Establishment - Calcium



WQ-1 Water Quality Monitoring

Likelihood of Golden Mussel Establishment – Water Temperature



WQ-1 Lundy Lake and Mill Creek Water Quality Monitoring

Next Steps

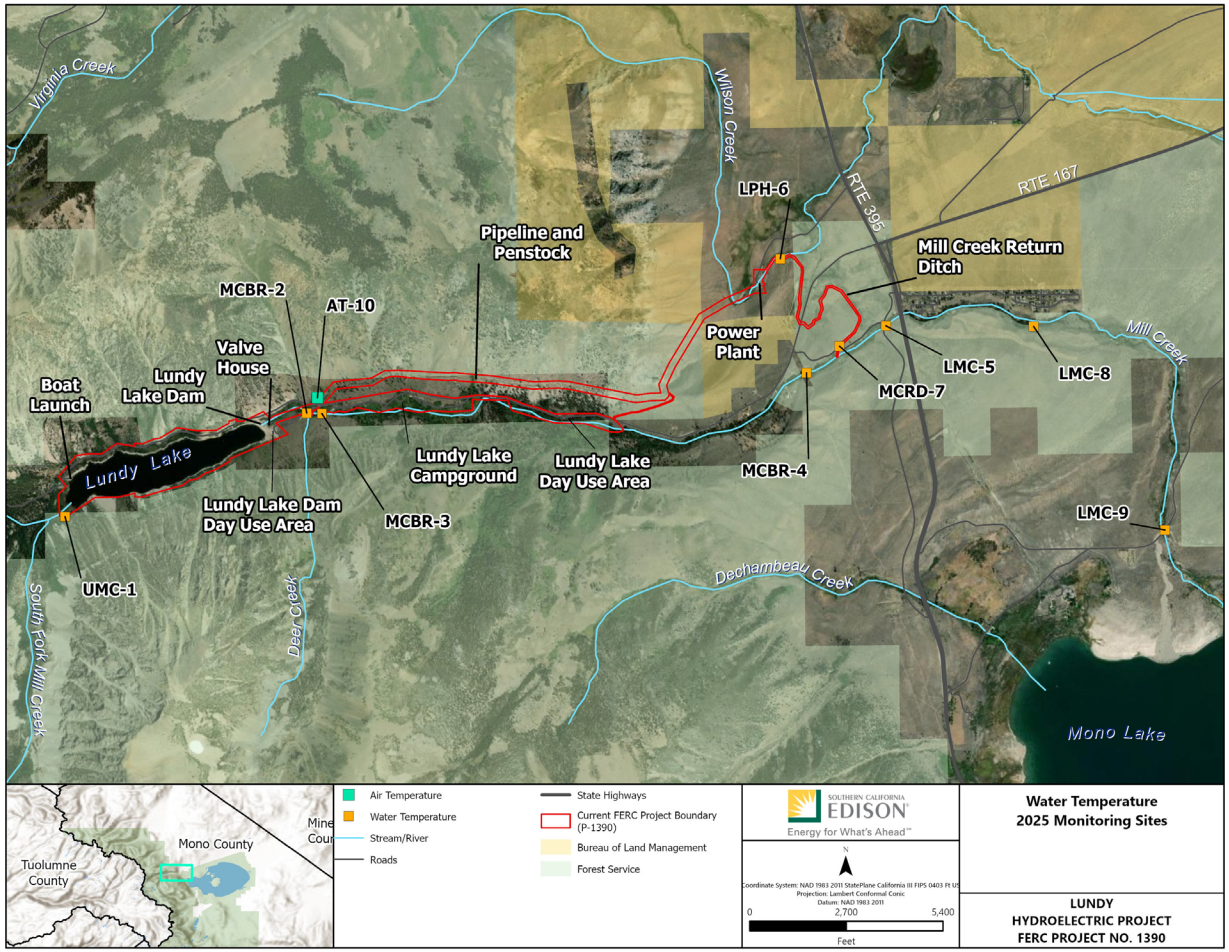
Date	Activity
Winter 2025/2026	Compile study results and prepare draft report
Spring–Fall 2026	Conduct Year 2 water quality field sampling *
February 2027	Distribute final report in Final License Application

* Reservoir and stream water quality and bacterial sampling will be conducted if the water year differs from 2025. Fish tissue mercury sampling will be conducted if levels exceed the U.S.EPA Tissue Residue Criterion (0.3 mg/kg).


Questions?

WQ-2 Lundy Lake and Mill Creek Water Temperature Monitoring

Study Area Map



WQ-2 Water Temperature Monitoring

Objectives

- Collect stream water temperature data and reservoir profile temperature data to characterize current water temperature conditions in Lundy Lake and Project-affected stream reaches of Mill Creek


Mill Creek Return Ditch

WQ-2 Water Temperature Monitoring

Methods

- Duplicate loggers installed
- April 2025 through spring 2026
- Loggers set to record 15-minute intervals
- Monthly servicing and data download
- Data quality reviews
- Validated temperature data were summarized into daily mean, maxima, and minima

Water temperature logger installed in Mill Creek

WQ-2 Water Temperature Monitoring

Study Plan Modifications

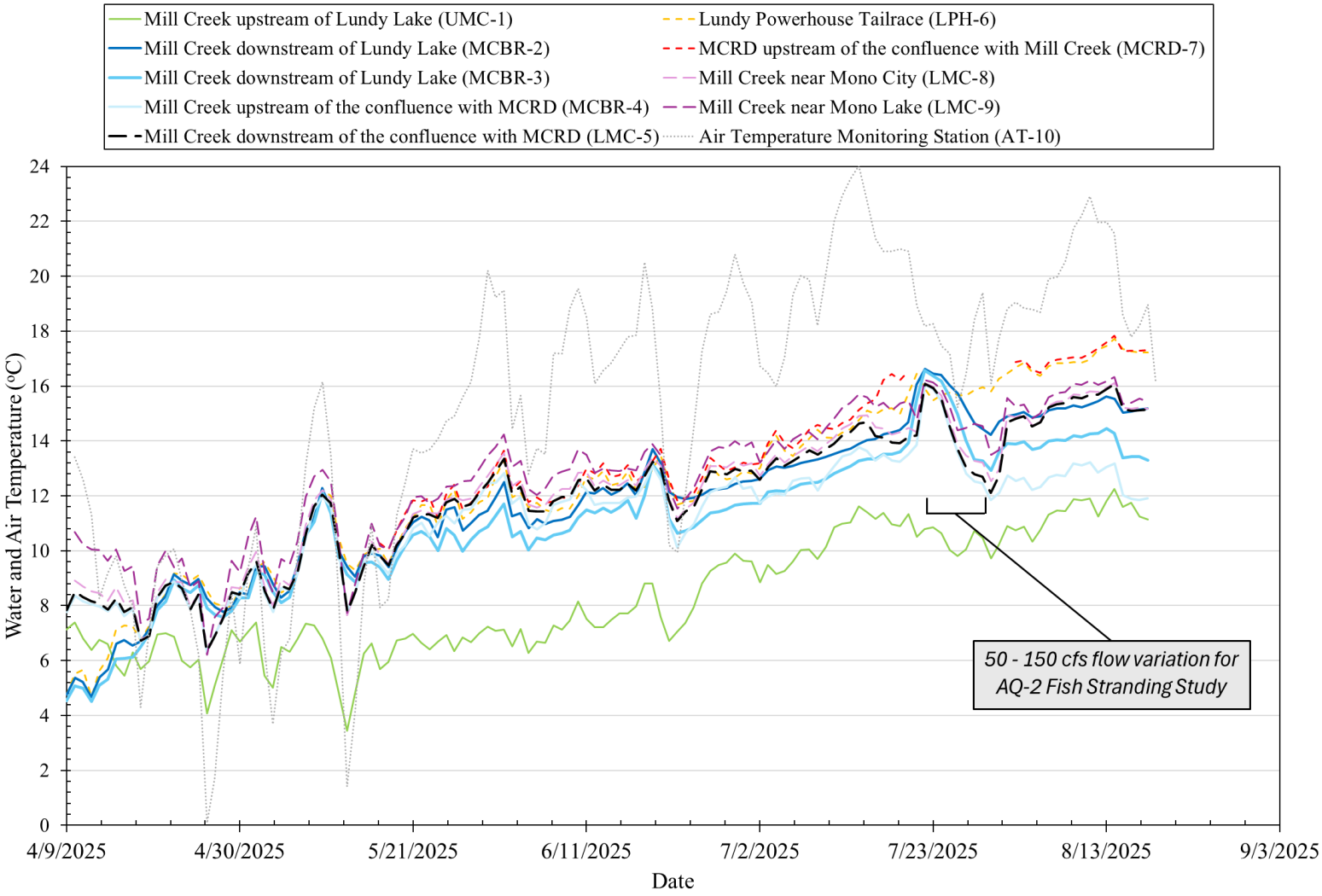
SCE is not proposing any modifications to WQ-2 as approved by FERC in its study plan determination

Variances to Approved Methods

SCE encountered no variances when implementing the WQ-2 study plan as approved by FERC in its study plan determination.

WQ-2 Water Temperature Monitoring

Results – Daily Mean Temperatures



WQ-2 Lundy Lake and Mill Creek Water Temperature Monitoring

Next Steps

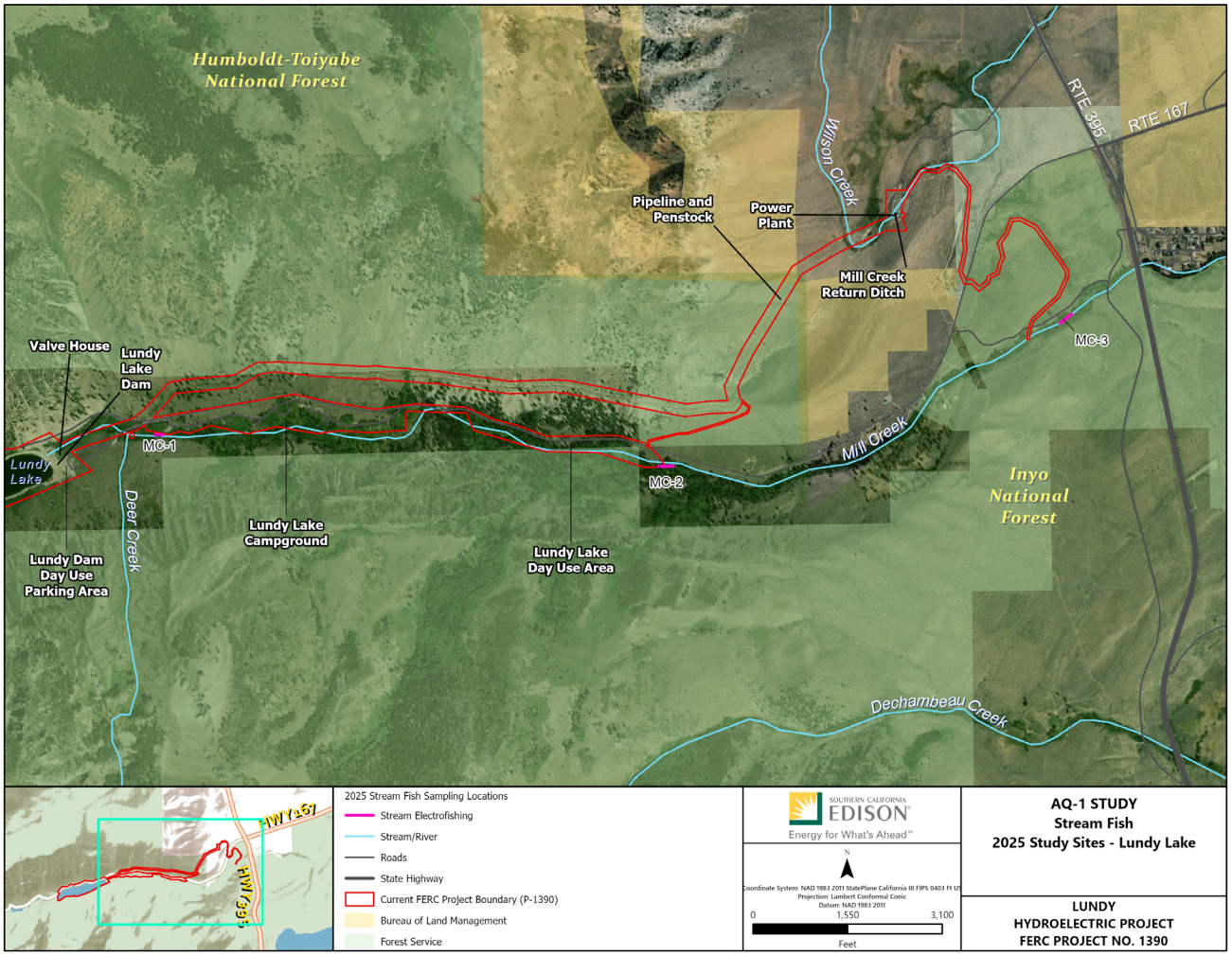
Date	Activity
Spring 2025-Spring 2026	Conduct water temperature monitoring
Winter 2025/2026	Compile study results and prepare draft report
Spring–Fall 2026	Conduct Year 2 water temperature monitoring*
February 2027	Distribute final report in Final License Application

* A second year of monitoring will be conducted if the 2026 water year differs from 2025.

Questions?

AQ-1 Fish Community Survey

Study Area Map – Stream Fish



AQ-1 Fish Community Survey

Objectives

- Characterize abundance, distribution, and structure of recreational fish populations within Lundy Lake and Project-affected stream reaches of Mill Creek
- Obtain current information on existing recreational fish populations within Lundy Lake and Project-affected stream reaches of Mill Creek
- Conduct a literature review to understand how large flow releases in the fall and winter might affect brown trout populations in Mill Creek

Backpack electrofishing crew in Mill Creek

Gillnet deployed in Lundy Lake

AQ-1 Fish Community Survey

Methods

- Stream Fish Surveys
  - Electrofishing
  - Stream Fish Analysis
- Reservoir Fish Surveys
  - Gill Netting
  - Shoreline Boat Electrofishing
- Literature Review
- Incidental Observations

Backpack electrofishing crew in Mill Creek

AQ-1 Fish Community Survey

Study Plan Modifications

SCE is not proposing any modifications to AQ-1 as approved by FERC in its study plan determination

Variances to Approved Methods

SCE encountered no variances when implementing the AQ-1 study plan as approved by FERC in its study plan determination.

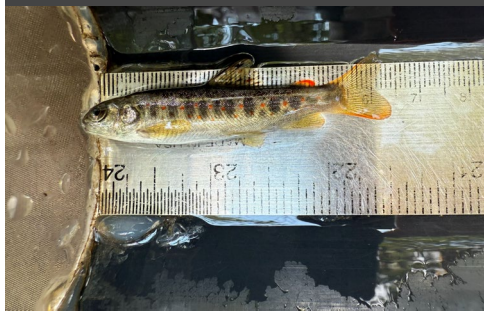
Gill netting in Lundy Lake

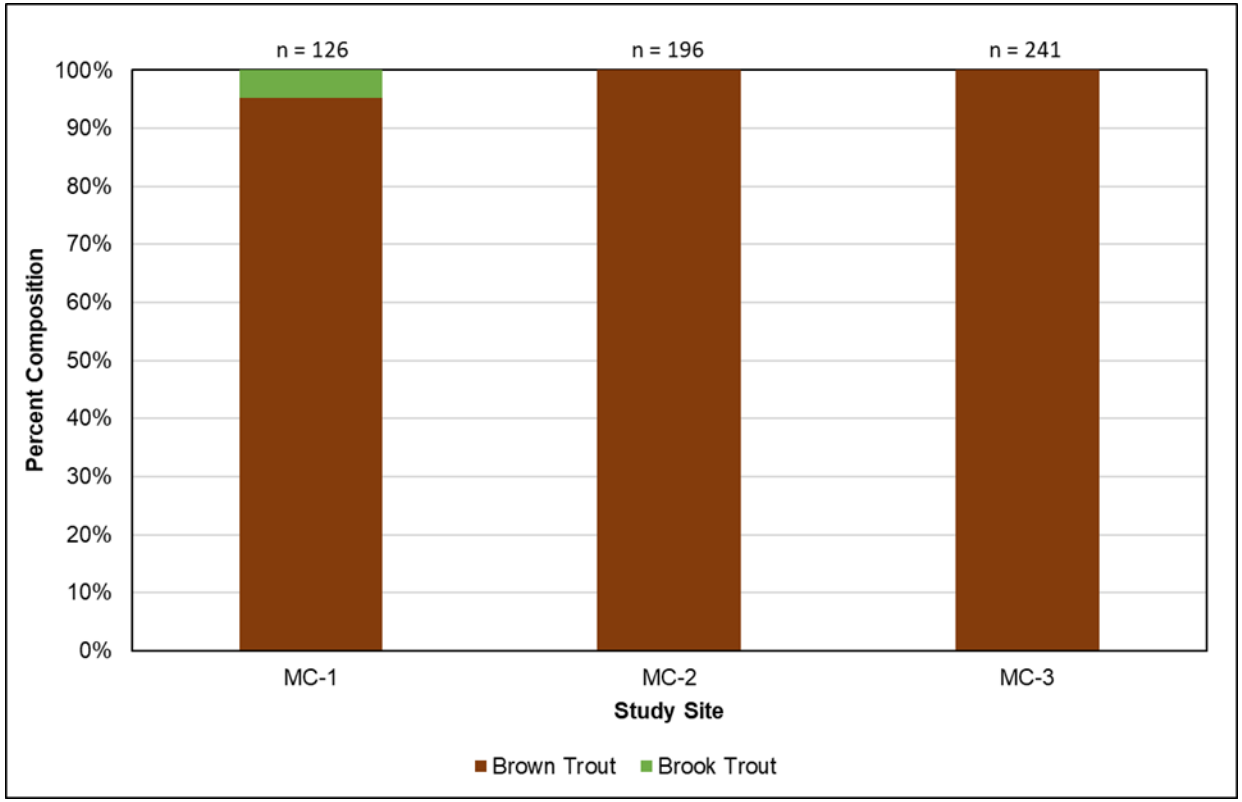
AQ-1 Fish Community Survey

Preliminary Data Summary – Stream Fish

Brown trout | K-value: 1.13

Brook trout | K-value: 1.07

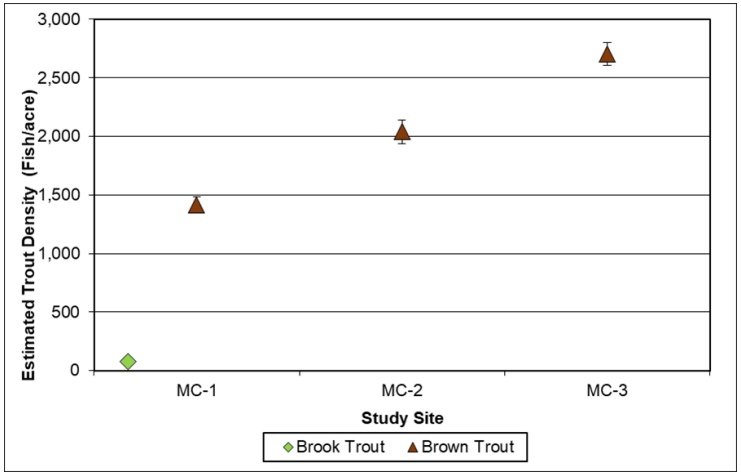


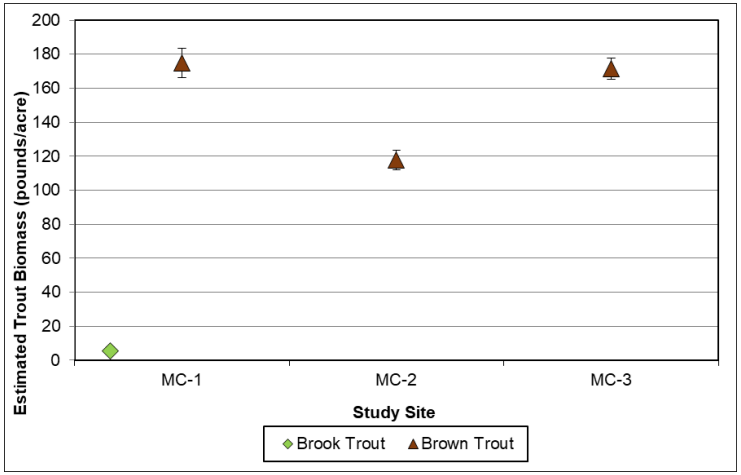


AQ-1 Fish Community Survey

Preliminary Data Summary – Stream Fish

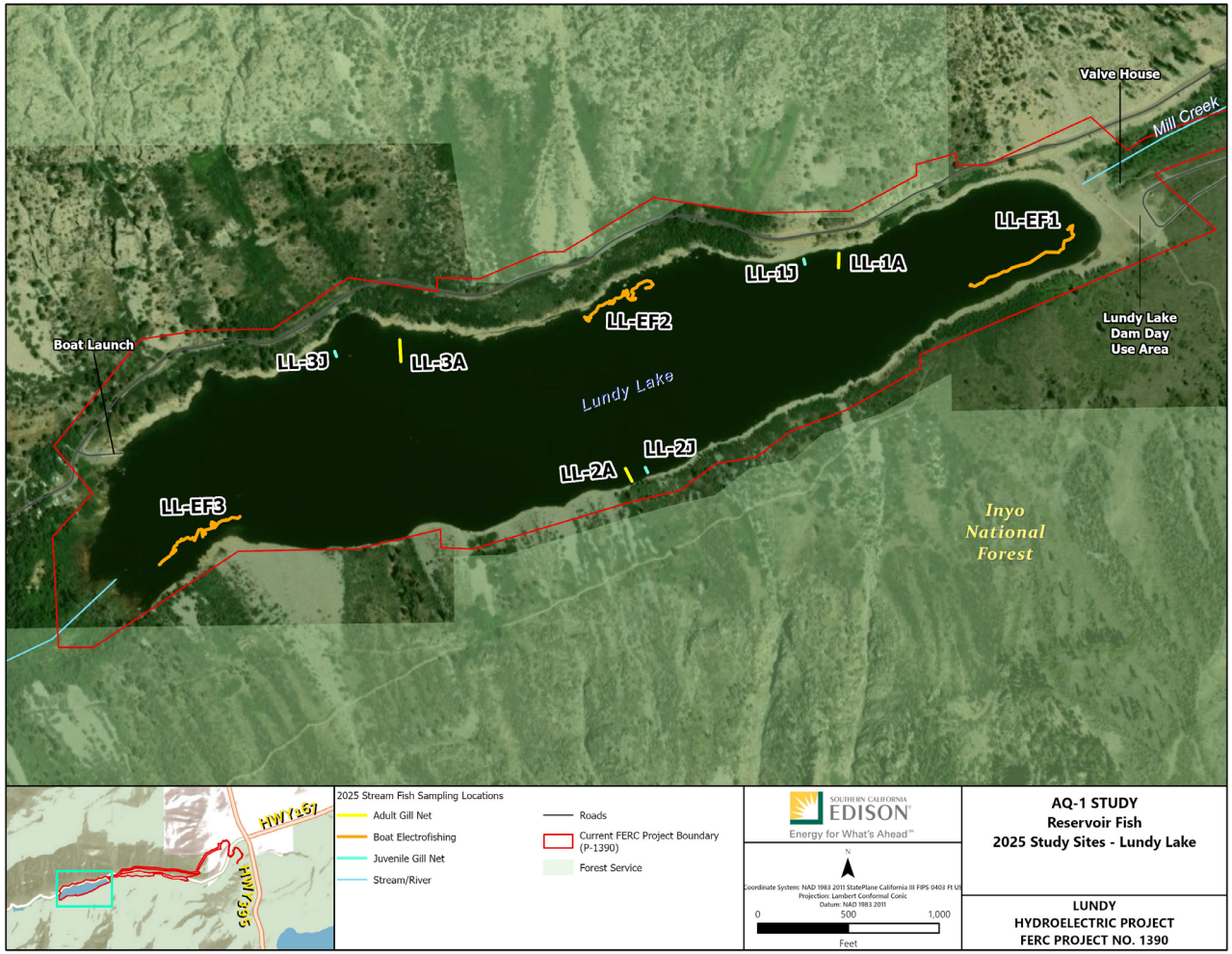
- Estimated fish density lowest at the upstream study site (MC-1) and highest at the downstream study site (MC-3)
- Estimates of biomass were similar at the upstream and downstream study sites





AQ-1 Fish Community Survey

Study Area Map – Reservoir Fish



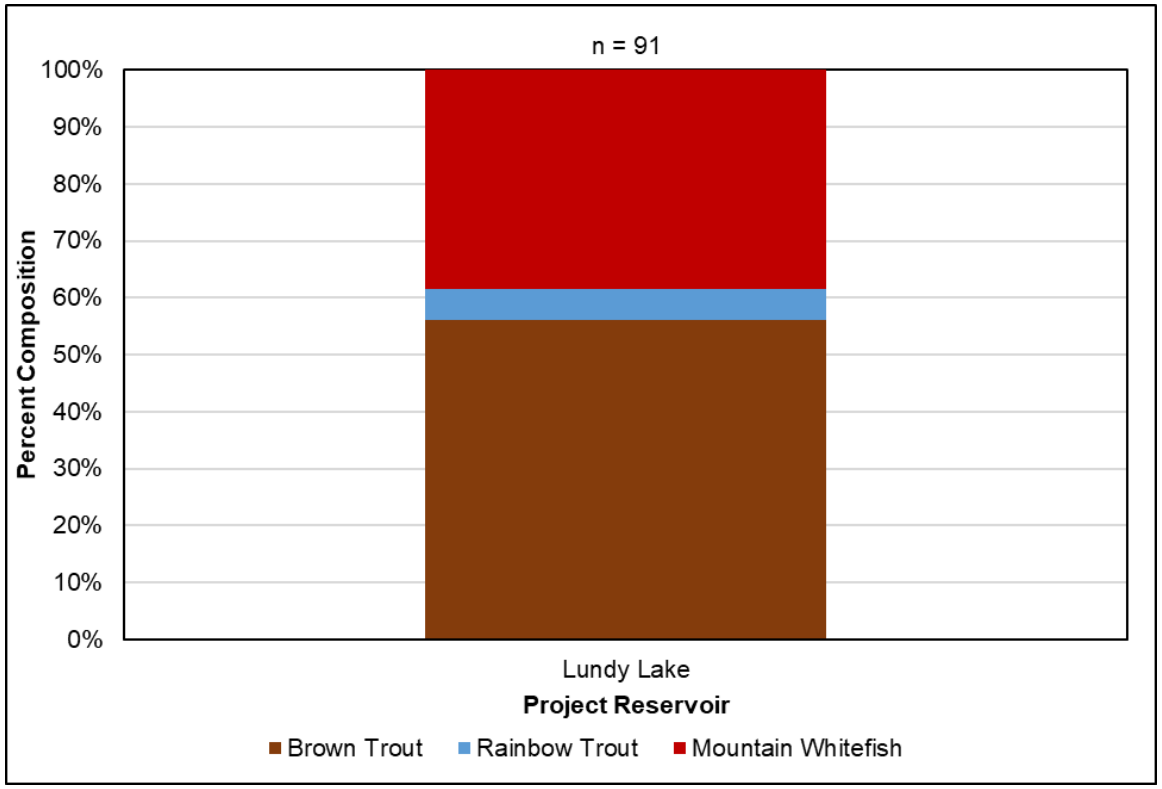
AQ-1 Fish Community Survey

Preliminary Data Summary – Reservoir Fish

Brown trout | K-value: 1.07

Mountain whitefish| K-value: 1.52

Rainbow trout | K-value: 1.09



AQ-1 Fish Community Survey

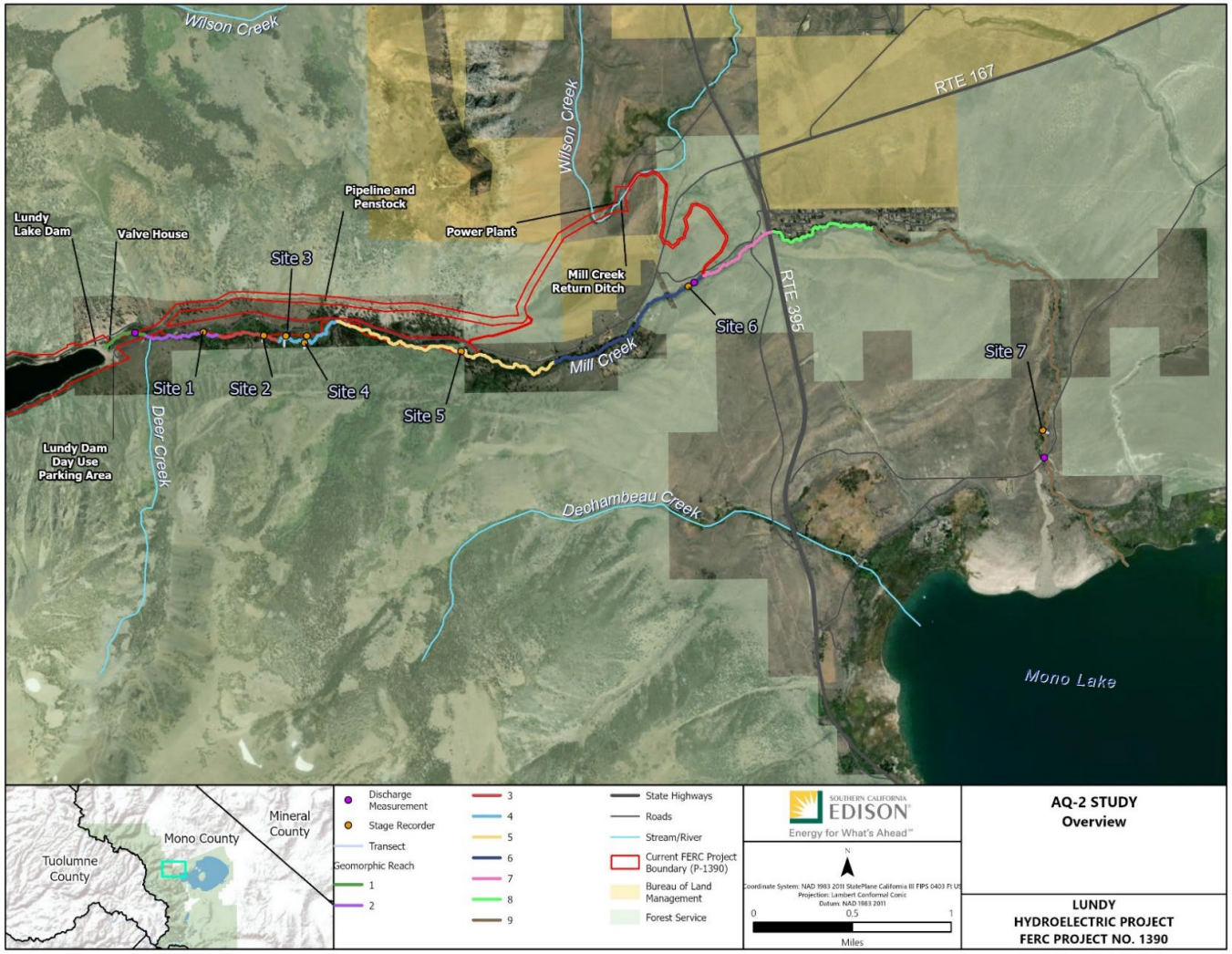
Next Steps

Date	Activity
Winter 2025/2026	Compile study results and prepare draft report
February 2027	Distribute final report in Final License Application

Questions?

AQ-2 Fish Stranding Study

Study Area Map



AQ-2 Fish Stranding Study

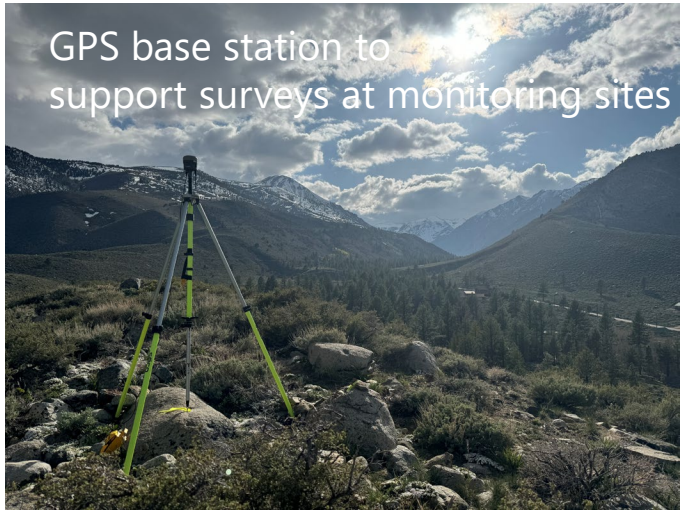
Objectives

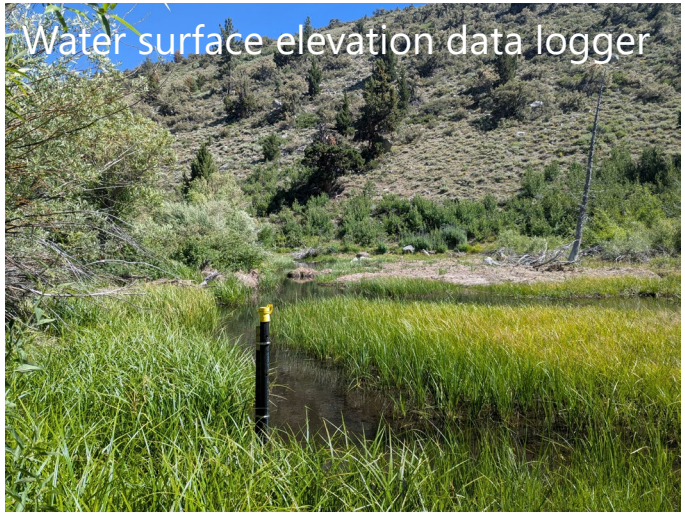
- Identify areas of high stranding risk for fish in Mill Creek between Lundy Dam and MCRD
- Assess stranding potential resulting from Project operations
- Compile and summarize hydrologic gage data for use in other resource assessments
- Characterize flow fluctuations resulting from Project operations and evaluate associated risk of fish stranding in Mill Creek between Lundy Dam and MCRD
- Establish monitoring locations representative of the variety of channel geomorphic conditions present in Mill Creek between Lundy Dam and MCRD and assess how operational changes in flow (i.e., controlled releases and down-ramping events) affect surface water elevation in selected sites

AQ-2 Fish Stranding Study

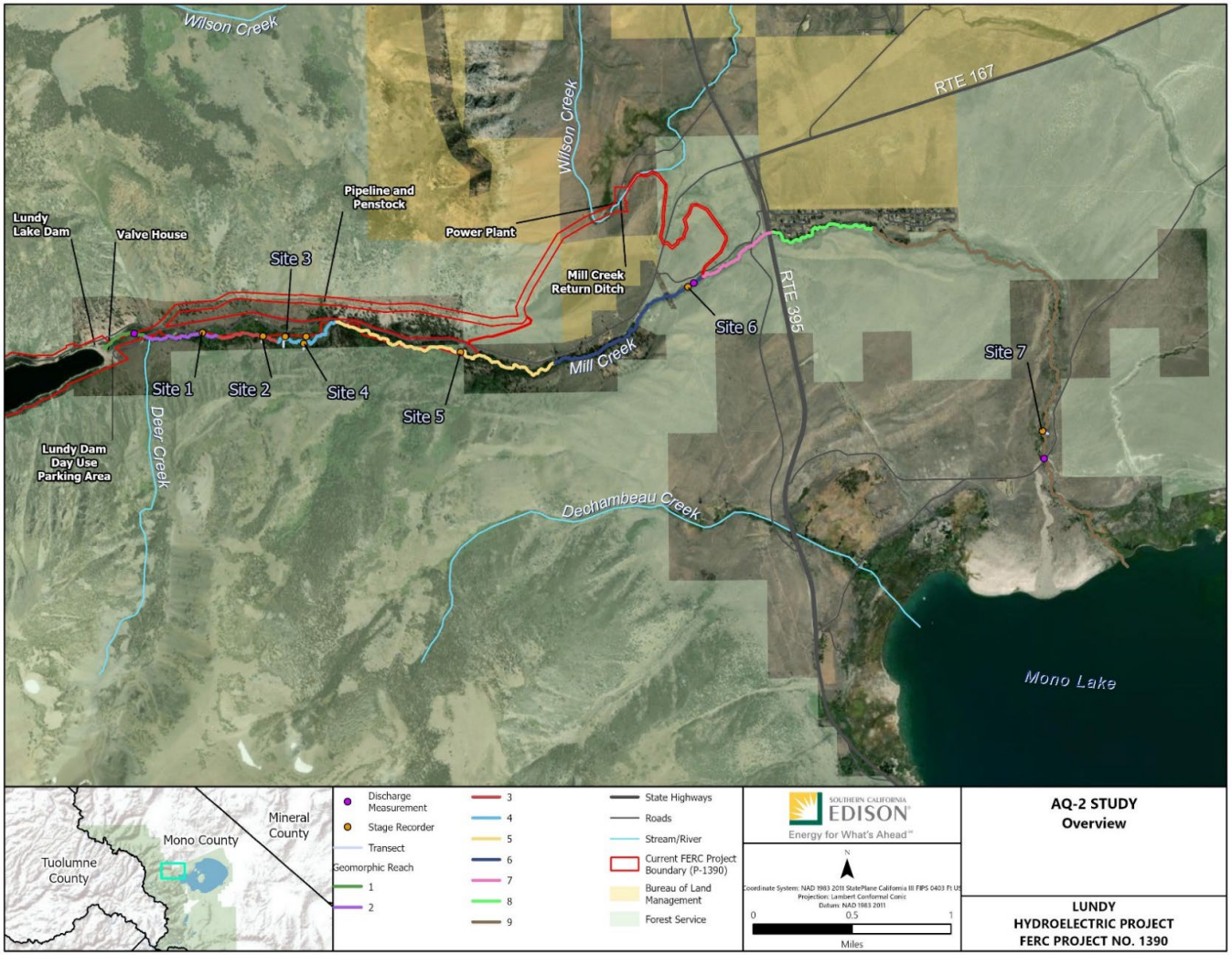
Methods

- Geomorphic reach delineation
- Monitoring site selection
- Channel cross section survey
- Water surface elevation monitoring
- Stream discharge measurements





AQ-2 Fish Stranding Study



AQ-2 Fish Stranding Study

Study Plan Modifications

SCE is not proposing any modifications to AQ-2 as approved by FERC in its study plan determination

Variances to Approved Methods

- The target flow release schedule was modified to better reflect flow release steps that could be expected during typical operations when down-ramping from the maximum controlled release of 150 cfs to 5 cfs.

Sampling Day	Flow Target in FERC-approved Study Plan (cfs)	Revised Flow Target (cfs)
Day 1	150	150
Day 2	100	110
Day 3	65	70
Day 4	40	30
Day 5	25	20
Day 6	12	10
Day 7	5	5

cfs = cubic feet per second

- Opportunistic visual surveys were included to locate fish that become entrapped during the study, and when possible, to relocate these fish to perennial habitats.

AQ-2 Fish Stranding Study

Geomorphic Reach Characteristics

Reach	Valley Confinement	Average Reach Gradient (%)	Channel Characteristics	Bank Characteristics
Reach 1	Confined	1.3	Single-thread channel	Variable banks
Reach 2	Confined	4.7	Single-thread channel	Steep bank slopes
Reach 3	Moderate	3.3	Multi-thread channel	Steep bank slopes
Reach 4	Wide	1.5	Complex mix of large and small beaver dams and ponds, short stream reaches, abundant beaver raceways and relict structures	Shallow bank slopes
Reach 5	Confined	3.9	Multi-thread channel	Steep bank slopes
Reach 6	Moderate	4.0	Single-thread channel	Steep bank slopes
Reach 7	Confined	4.6	Multi-thread channel	Steep bank slopes
Reach 8	Confined	3.3	Multi-thread channel	Steep bank slopes
Reach 9	Moderate	1.9	Complex multi-thread channel	Shallow bank slopes

AQ-2 Fish Stranding Study

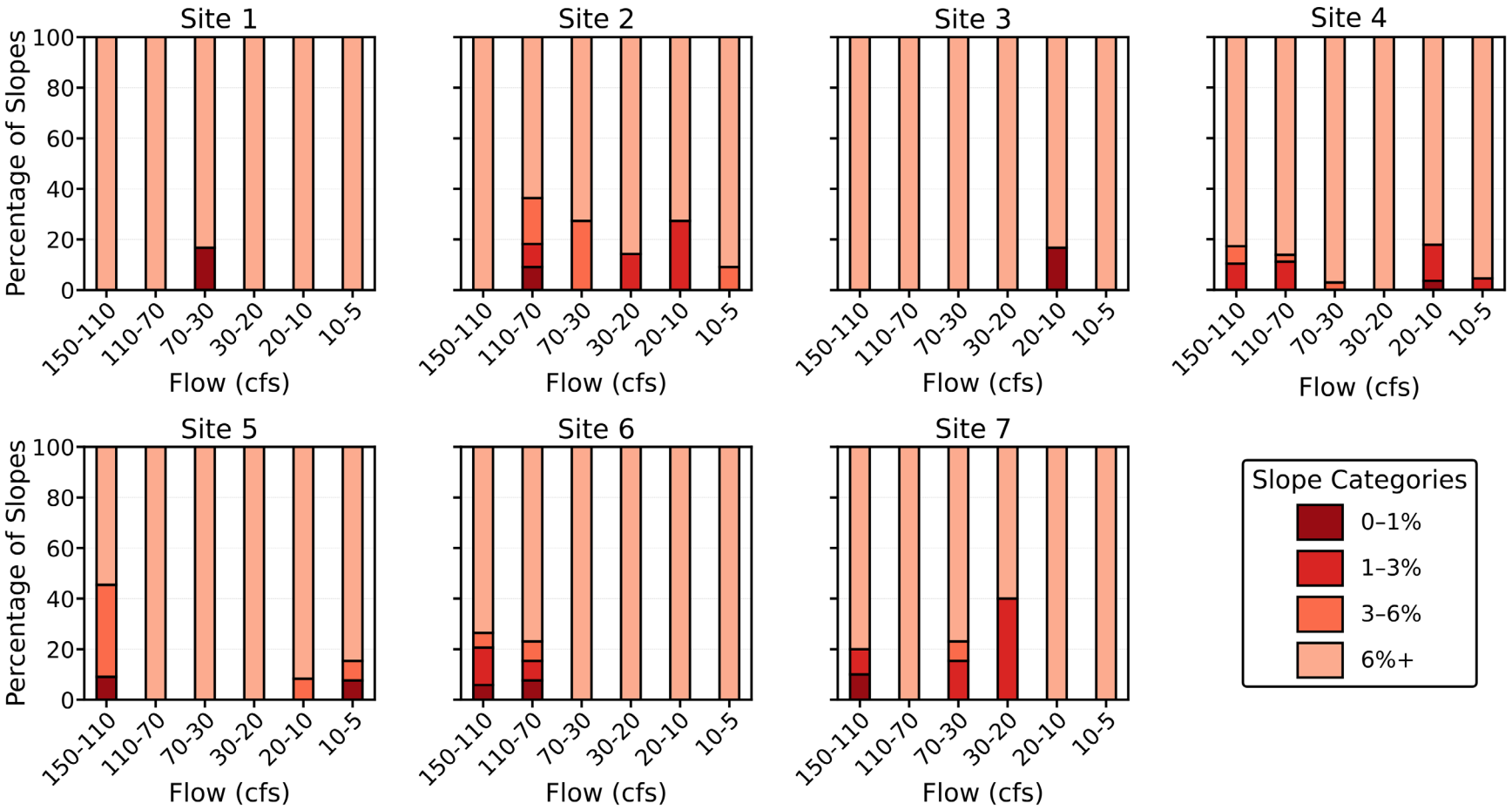
Steep and confined (Reach 2)

Beaver Pond in wide valley (Reach 4)

Moderately confined (Reach 6)

Moderately confined (Reach 9)

AQ-2 Fish Stranding Study



AQ-2 Fish Stranding Study

Next Steps

Date	Activity
Winter 2025/2026	Compile study results and prepare draft report
February 2027	Distribute final report in Final License Application

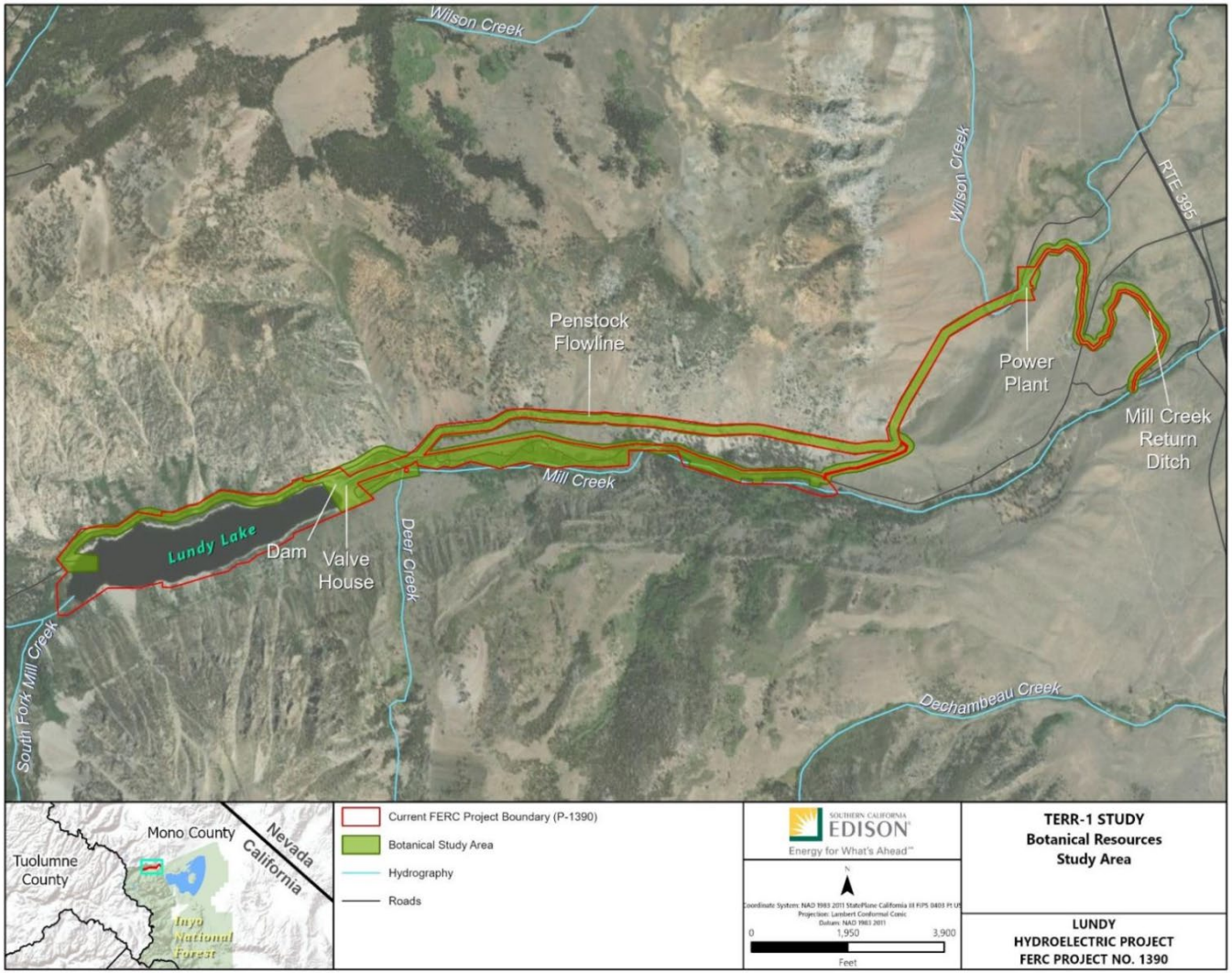
Questions?

10-Minute Break

Botanical and Wildlife Surveys

TERR-1 General Botanical Resources Survey
TERR-2 General Wildlife Survey

TERR-1 General Botanical Resources Survey



Study Area Map

Special-status Plants

Invasive Plant Species

Vegetation Map

TERR-1 General Botanical Resources Survey

Goals/Objectives

- Supplement the existing information regarding botanical resources in the Study Area by:
  - Ground-truthing the existing USFS vegetation map (USFS, 2020a), including identification of any sensitive natural communities
  - Documenting the presence of species listed, or proposed for listing, by the federal and/or State Endangered Species Acts
  - Documenting the presence of other special-status plant species, including USFS Species of Conservation Concern and species with a California Rare Plant Rank of 1 or 2
  - Documenting non-native, invasive plants identified in the Inyo National Forest (INF) Invasive Plant Inventory Database (NRM – TESP/IS, 2018) and on the California Invasive Plant Council Inventory (Cal-IPC, 2023)

TERR-1 General Botanical Resources Survey

Methods

- Two field surveys for botanical resources were performed in 2025 to cover species blooming periods:
  - June and July
- Field surveys included:
  - Pedestrian surveys to identify and map populations of special-status plant species and invasive plant species
  - Mapping of vegetation types and other areas, including collecting information on characteristics of the different communities

TERR-1 General Botanical Resources Survey

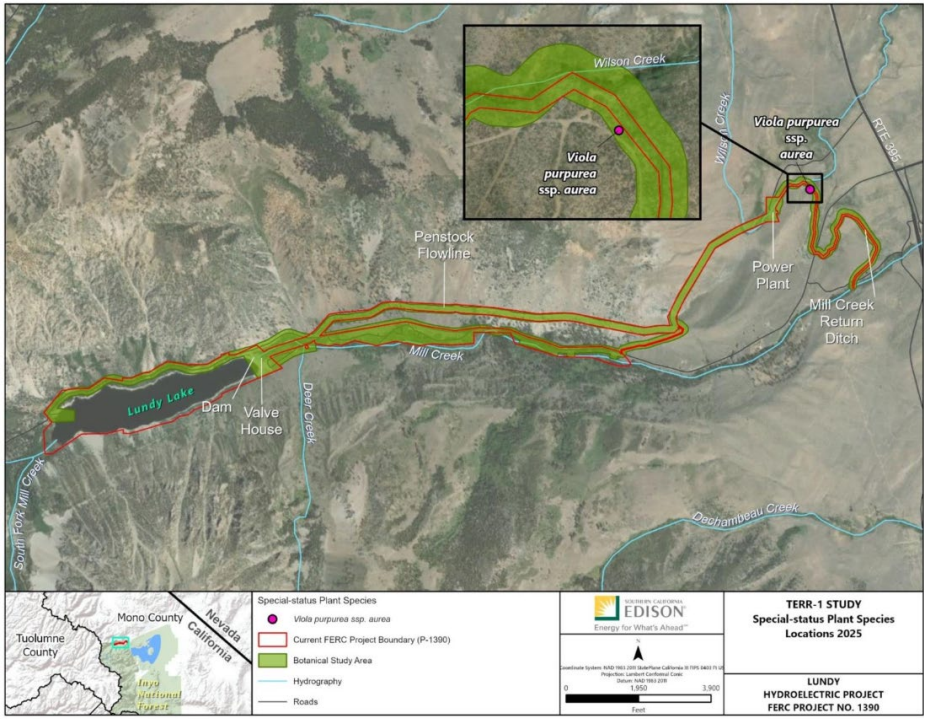
Study Plan Modifications

SCE is not proposing any modifications to TERR-1 as approved by FERC in its study plan determination.

Variances to Approved Methods

- The Botanical Study Area was expanded slightly to ensure all day use areas were incorporated.
- Because of the prolific presence of cheat grass (*Bromus tectorum*), it was infeasible to map individual populations; instead of mapping, biologists used a qualitative description to convey the abundance and extent of the species.

TERR-1 General Botanical Resources Survey



Preliminary Data Summary – Special-status Plants

- No State or Federally listed plant species observed during survey.
- One non-listed, special-status plant observed: Golden violet (*Viola purpurea* ssp. *aurea*).
  - Individual plant observed outside FERC boundary, along road adjacent to Mill Creek Return Ditch.

TERR-1 General Botanical Resources Survey

Preliminary Data Summary – Invasive Plant Species

- Cheat Grass (*Bromus tectorum*)
  - Cal-IPC Rating of "high"
  - 100,000s in disturbed areas throughout study area
- Russian Thistle (*Salsola tragus*)
  - Cal-IPC Rating of "limited"
  - 25 individuals adjacent to Lundy Powerhouse
- Woolly Mullein (*Verbascum thapsus*)
  - Cal-IPC Rating of "limited"
  - 6,978 individuals at 63 locations throughout study area

TERR-1 General Botanical Resources Survey

Preliminary Data Summary – Vegetation Map

Vegetation Types and Other Areas	Amount in Botanical Study Area (acres)	Sensitive Natural Community
Big Sagebrush Alliance	8.18	No
Great Basin Mixed Scrub Alliance	125.48	Yes
Upper Montane Mixed Shrub Alliance	12.34	No
Wet Meadows Alliance	2.89	Yes (in part)
Quaking Aspen Alliance	42.99	Yes
Shrub Willow Alliance	4.46	Yes
Curlleaf Mountain Mahogany Alliance	0.39	No
Eastside Pine Alliance	17.10	No
Water	4.84	No
Barren	8.21	No
Disturbed	8.74	No
Developed	13.12	No

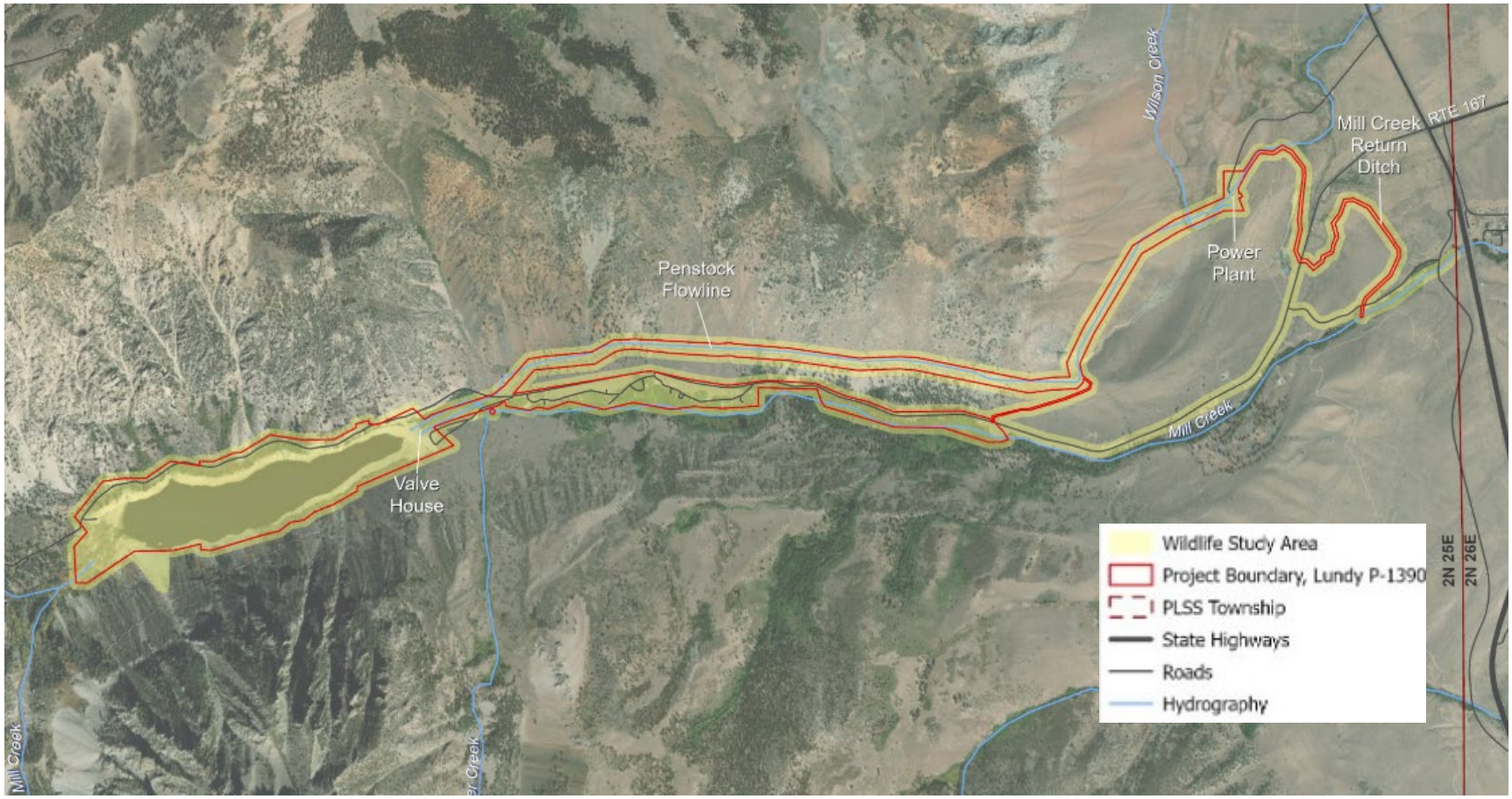
TERR-1 General Botanical Resources Survey

Next Steps

Date	Activity
Summer 2026	Perform second year of botanical surveys
Winter 2026	Compile study results and prepare draft report
February 2027	Distribute final report in Final License Application

TERR-2 General Wildlife Survey

Terrestrial Wildlife Study Area Map



TERR-2 General Wildlife Survey

Goals/Objectives


Douglas' squirrel

- Document the occurrence of:
  - common,
  - U.S. Forest Service At-Risk Species,
  - Species of Conservation Concern, and
  - other special-status wildlife species or associated suitable habitat,
  - All within and adjacent to Project Areas that may be affected by routine O&M activities
- Document the occurrence of any:
  - rare, threatened, and/or endangered wildlife species or associated suitable habitat during general wildlife surveys within and adjacent to Project Areas that may be affected by routine O&M activities

TERR-2 General Wildlife Survey

Methods

- Four field surveys for wildlife were performed in 2025:
  - June, July, September and October.
- Field surveys included:
  - Day-time pedestrian surveys to observe wildlife and wildlife sign, conduct a willow flycatcher habitat assessment, and deploy static acoustic bat detectors;
  - Night-time vehicle surveys to spotlight foraging nocturnal wildlife, observe herpetofauna heating on the pavement, and perform mobile acoustic surveys for foraging bat species;
  - Installed and reviewing footage on four trail cameras

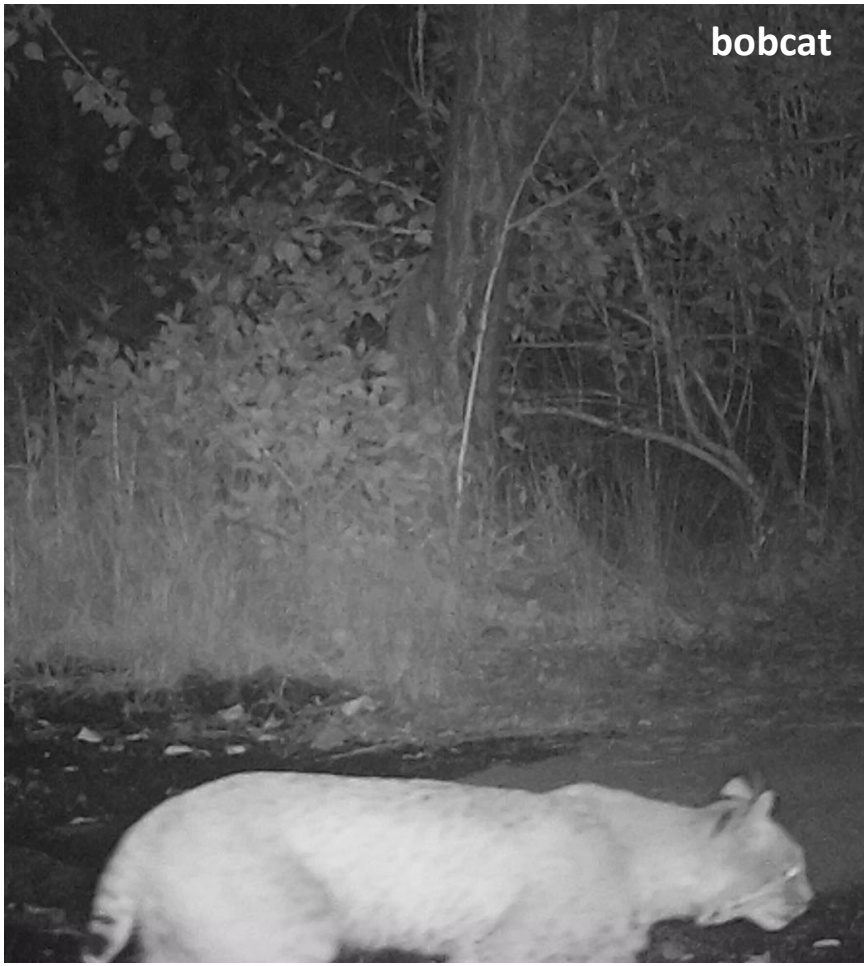
TERR-2 General Wildlife Survey

Study Plan Modifications

- No modifications to TERR-2 Study Plan Methods as approved by FERC

Method Variance

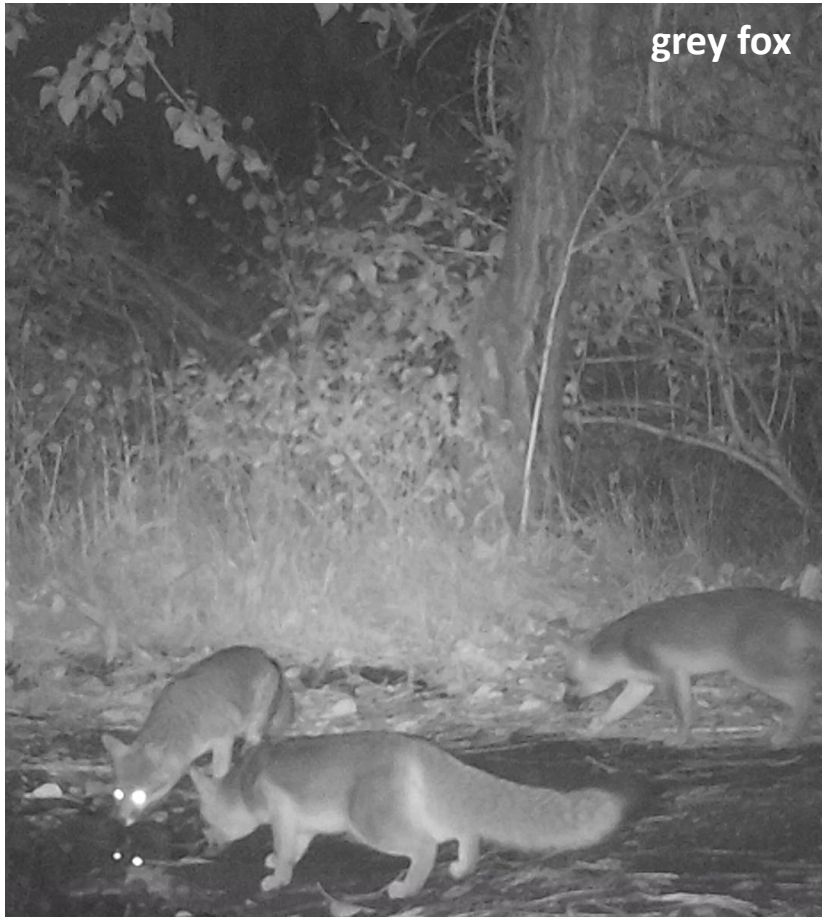
- In anticipation of snow levels, all but one wildlife camera were removed after a 3-month deployment; the remaining camera is elevated on a tree and will be collected in 2026.



TERR-2 General Wildlife Survey

Preliminary Data Summary

- Scattered vegetation in Mill Creek within 0.75 miles of SR-395 is suitable for temporary occupation by migrating willow flycatcher, but no vegetation in WSA is sufficient for nesting.
- No evidence of bat roosting at any Project facility.
- 78 common wildlife species observed.
- 1 State/Federally endangered species.
  - Sierra Nevada bighorn sheep (*Ovis canadensis sierrae*)
- No USFS At-Risk wildlife species or Species of Conservation Concern.



TERR-2 General Wildlife Survey

Preliminary Data Summary (cont.)

- 6 California Species of Special Concern (none utilizing Project facilities)
  - yellow warbler (*Setophaga petechia*),
  - Sierra Nevada snowshoe hare (*Lepus americanus tahoensis*),
  - western white-tailed jackrabbit (*Lepus townsendii townsendii*),
  - Sierra Nevada mountain beaver (*Aplodontia rufa californica*),
  - pallid bat (*Antrozous pallidus*), and
  - spotted bat (*Euderma maculatum*)
- 1 Watchlist species (not utilizing Project facilities)
  - Cooper's hawk (*Accipiter cooperii*)


common poorwill

TERR-2 General Wildlife Survey

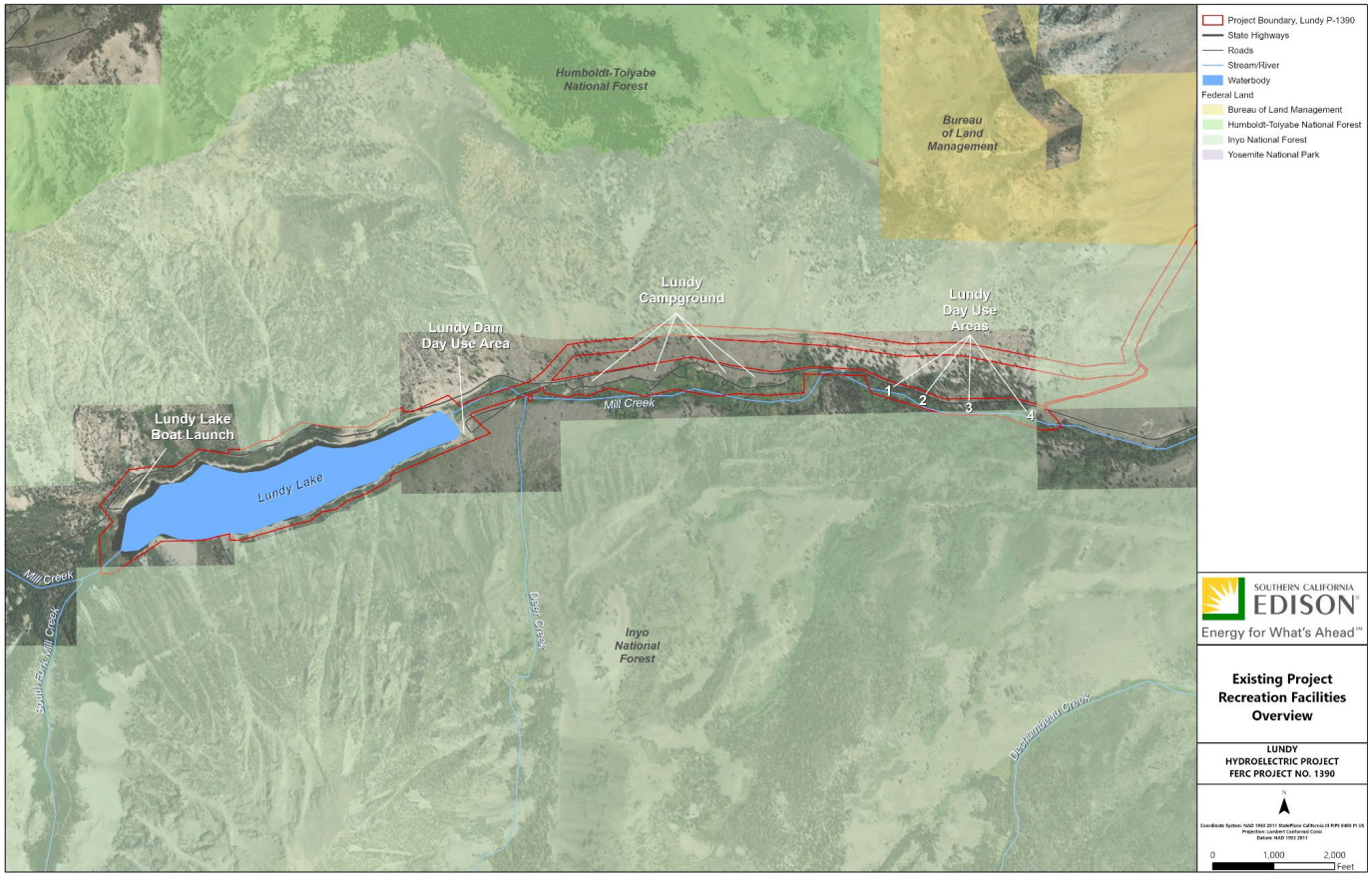
Next Steps

Date	Activity
Spring/Summer 2026	Collect wildlife camera and review footage
Fall/Winter 2026	Compile study results and prepare draft report
February 2027	Distribute final report in Final License Application


Questions?

REC-1 Recreation Use and Needs Assessment

Study Area Map



REC-1 Recreation Use and Needs Assessment

Goals/Objectives

- Characterize the existing use of the FERC-approved recreation sites at the Lundy Project.
  - Estimate the recreation use by day type (i.e., weekday, weekend, or peak weekend) and activity.
  - Evaluate visitor feedback regarding the perception and experience of visitors
  - Estimate the current recreational fishing effort in Lundy Lake and Mill Creek.
- Identify current and future needs related to the FERC-approved recreation sites included at the Lundy Project.
  - Evaluate whether the capacity of the existing FERC-approved recreation sites meets current needs.
  - Estimate future recreation use of the FERC-approved recreation sites.
  - Estimate potential future recreation needs and the ability of the existing FERC-approved recreation sites to meet the future needs over the term of a new license.

REC-1 Recreation Use and Needs Assessment

Methods

- Spot Counts
- Visitor Intercept Surveys
- Creel Survey Branching Questions
  - (field work complete, data analysis ongoing)

REC-1 Recreation Use and Needs Assessment

Study Plan Modifications

SCE is not proposing any modifications to REC-1 as approved by FERC in its study plan determination

Variances to Approved Methods

- The Inn Fire in Mono City in May 2025 caused road closures and evacuations of the Project area, preventing the survey team from conducting the survey on May 25, 2025.
- Due to extenuating circumstances, 3 field dates had only one field technician conducting surveys.

REC-1 Recreation Use and Needs Assessment

Summary of Vehicle Spot Counts at FERC-approved Recreation Sites at the Lundy Project

Day Type	Number of Spot Counts	Site ID						Total
		1	2	4	5	6	7	
Non-Peak Weekend	16 [A]	44	66	4	1	1	0	116
Peak Weekend	3	25	21	1	0	1	1	49
Weekday	16	36	33	0	0	2	3	74
Total	35	105	120	5	1	4	4	239

[A] At Site 6, the total is 15 because there was no spot count conducted at Site 6 on 8/2/2025

REC-1 Recreation Use and Needs Assessment

Summary of People and Recreation Activities at FERC-approved Recreation Sites at the Lundy Project

Site Number	Bicycling	Camping	Picnicking	Personal Watercraft Use	Photography	Viewing Scenery or Wildlife	Day Hiking	Overnight Backpacking	Fishing	Swimming	Non-Recreation Activity	Other Activity	Total People
1	3	1	3	19	1	18	15	0	78	4	5	13	160
2	0	0	0	2	0	16	9	0	58	0	1	4	90
3	0	295	7	2	0	14	4	0	1	0	0	0	323
4	0	0	5	0	0	1	0	0	0	2	0	0	8
5	0	0	0	0	0	2	0	0	0	0	0	0	2
6	0	1	3	0	0	0	0	0	0	0	1	0	5
7	0	0	2	0	0	0	0	0	0	0	0	0	2
Total People	3	297	20	23	1	51	28	0	137	6	7	17	590

REC-1 Recreation Use and Needs Assessment

Visitor Surveys Attempted and Completed by Study Site

Site Number	Accepted	Declined	Previously Surveyed	Total
1	59	24	2	85
2	50	14	2	66
3	92	24	11	127
4	0	3	0	3
5	0	0	0	0
6	3	0	0	3
7	3	1	0	4
Total Count	207	66	15	288
Total Percentage	71.9	22.9	5.2	100

REC-1 Recreation Use and Needs Assessment

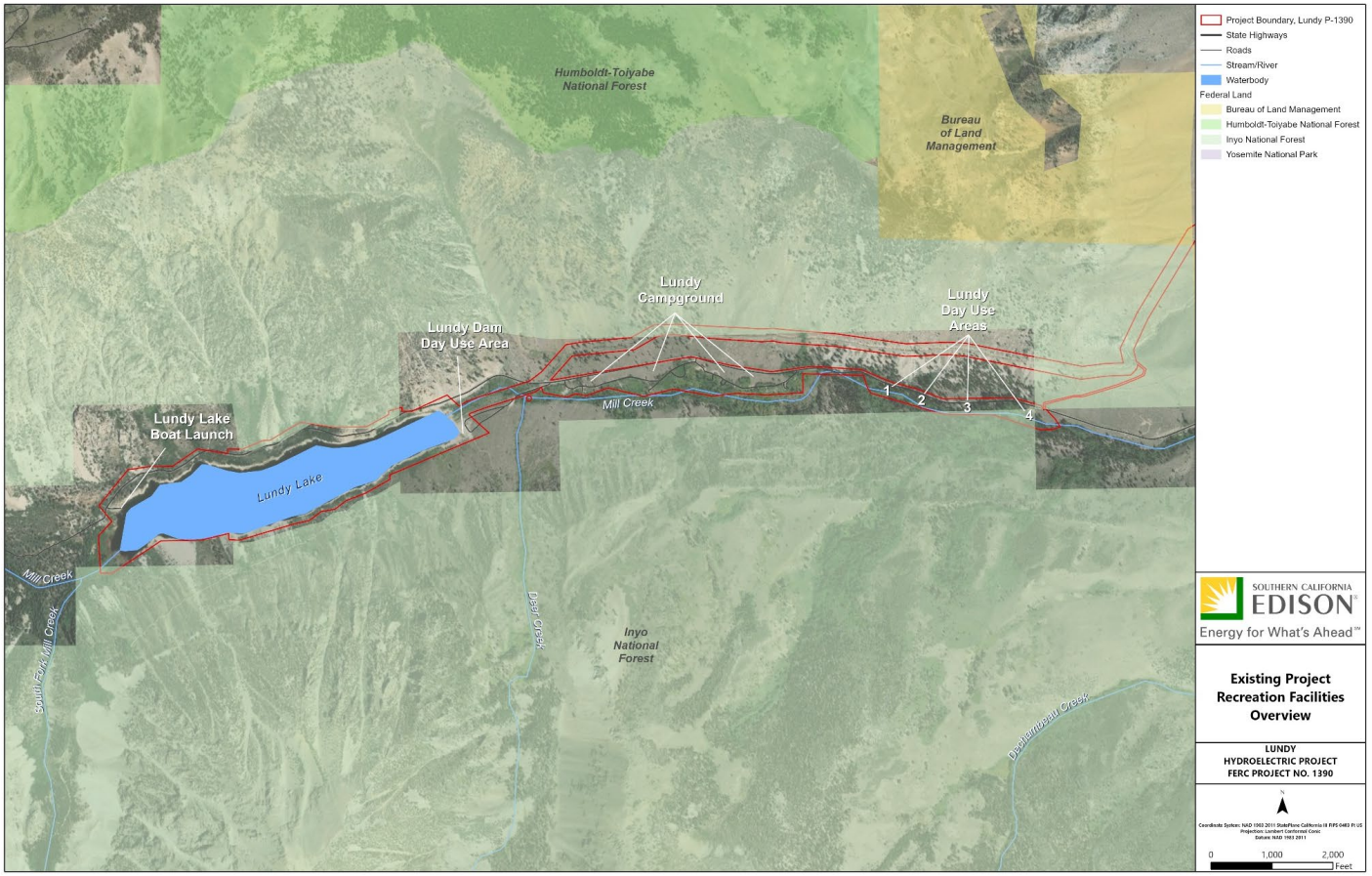
Next Steps

Date	Activity
Winter/Spring 2026	Analysis and Interpretation of Data
October 2026	Final Technical Report filed with Draft License Application


Questions?

REC-2 Recreation Facilities Condition Assessment

Study Area Map



REC-2 Recreation Facilities Condition Assessment

Goals/Objectives

- Conduct an inventory of existing FERC-approved Lundy Project recreation sites, including locations, facilities/amenities, general condition, ownership, and management responsibilities.
  - Field verify, map, and document FERC-approved Lundy Project recreation facilities and amenities.
  - Document the general condition of FERC-approved recreation facilities and amenities, including the potential for universal accessibility, where feasible.
  - Identify who owns, operates, and maintains each of the FERC-approved recreation sites.
- Collect data to evaluate the accessibility and useability of the Lundy Lake Boat Launch.
  - Assess the accessibility and useability of the Lundy Lake Boat Launch under existing Project operations.

REC-2 Recreation Facilities Condition Assessment

Methods

- Recreation Site Inventory and Condition Assessment (field work complete)
  - Document existing recreation facilities and amenities
    - Location of the facilities in relation to the Project
    - Type and number of recreation amenities in relation to the Project
    - Condition of recreation facility/amenities (G = good, M = needs maintenance, R = needs repair, N = needs replacement)
    - Entities responsible for operation and maintenance of each site and facility
    - Hours/season of operation
    - Site photographs
    - Document characteristics of erosion, slumping, or other forms of instability
- Recreation Site Accessibility Assessment (data analysis ongoing)
  - Assess impoundment levels as measured by an existing USGS gage located on the east end of Lundy Lake at Lundy Dam
  - Analyze REC-1 data to evaluate the potential relationship between impoundment water levels and recreation site use

REC-2 Recreation Facilities Condition Assessment

Study Plan Modifications

SCE is not proposing any modifications to REC-2 as approved by FERC in its study plan determination

Variances to Approved Methods

- FERC's SPD recommended a temporary staff gage near the boat launch on the west side of Lundy Lake; in consultation with CDFW, it was agreed that the data currently collected at the USGS-approved gage located near the dam would adequately represent the lake levels for both the east and west sides of Lundy Lake.

REC-2 Recreation Facilities Condition Assessment

Lundy Lake Boat Launch

Amenity Type	Amenity Condition	Count
Portable Toilet	G	2
Informational Signage	G	1
Fishing Line Disposal	G	1
Boat Launch	G	1
Boat Dock	G	1

G = good
M = needs maintenance
R = needs repair
N = needs replacement

REC-2 Recreation Facilities Condition Assessment

Lundy Dam Day Use Area

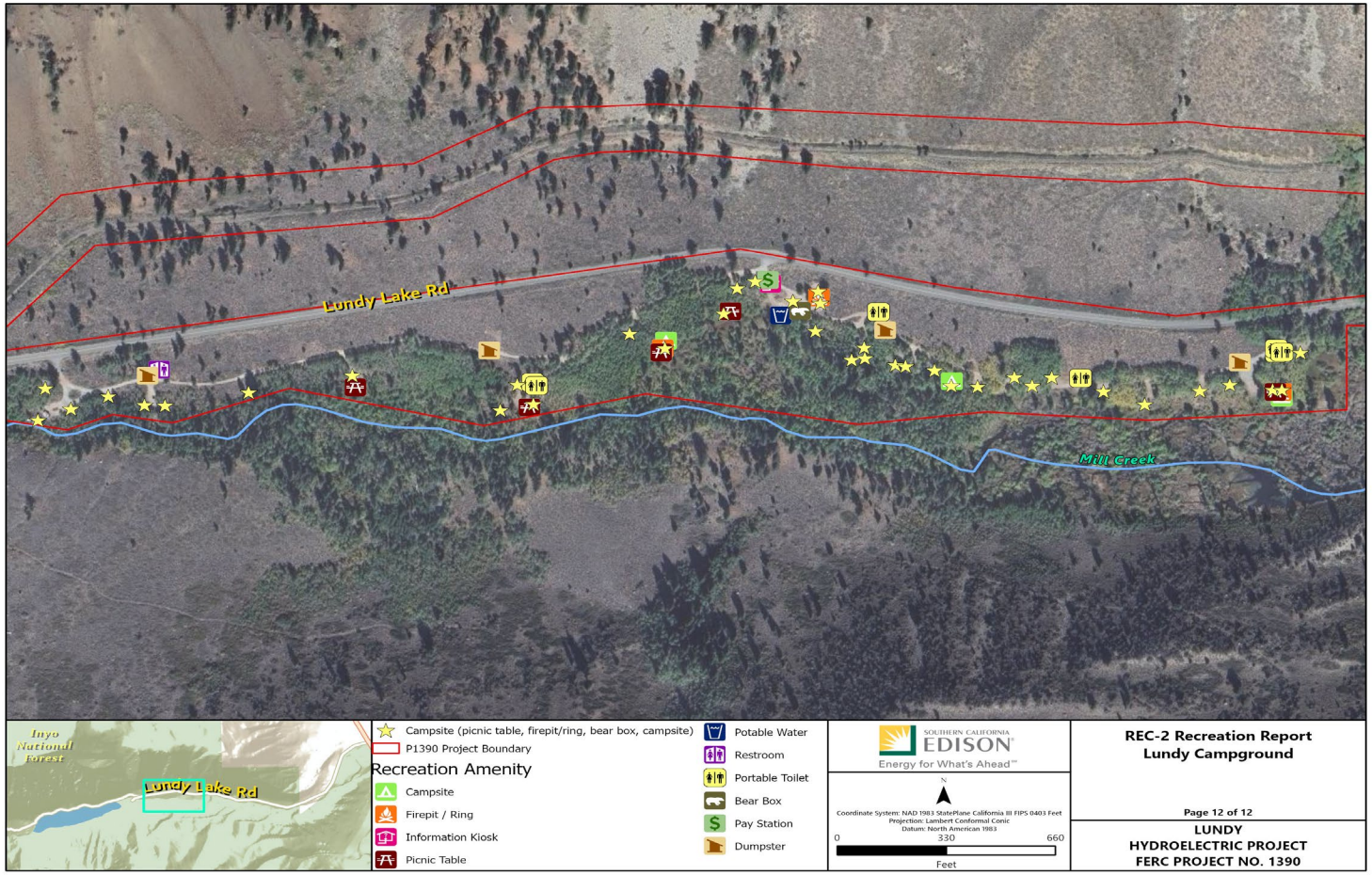
Amenity Type	Amenity Condition	Count
Informational Signage	G	1
Safety Signage	G	1
Toilet	G	1
Trash Can	G	1

Toilet at this site is ADA compliant

G = good
M = needs maintenance
R = needs repair
N = needs replacement

REC-2 Recreation Facilities Condition Assessment

Lundy Campground



REC-2 Recreation Facilities Condition Assessment

Lundy Campground

Amenity Type	Amenity Condition	Count
Bear Box	G	34
	M	2
Campsite	G	35
	M	2
	R	1
Dumpster	G	3
	M	1
Firepit/Ring	G	36
	M	1
Information Kiosk	M	1
Iron Ranger	M	1
Picnic Table	G	10
	M	14
	R	16
	N	2
Portable Toilet	G	7
Potable Water	G	1
Toilet Vault	G	3

G = good
M = needs maintenance
R = needs repair
N = needs replacement

REC-2 Recreation Facilities Condition Assessment

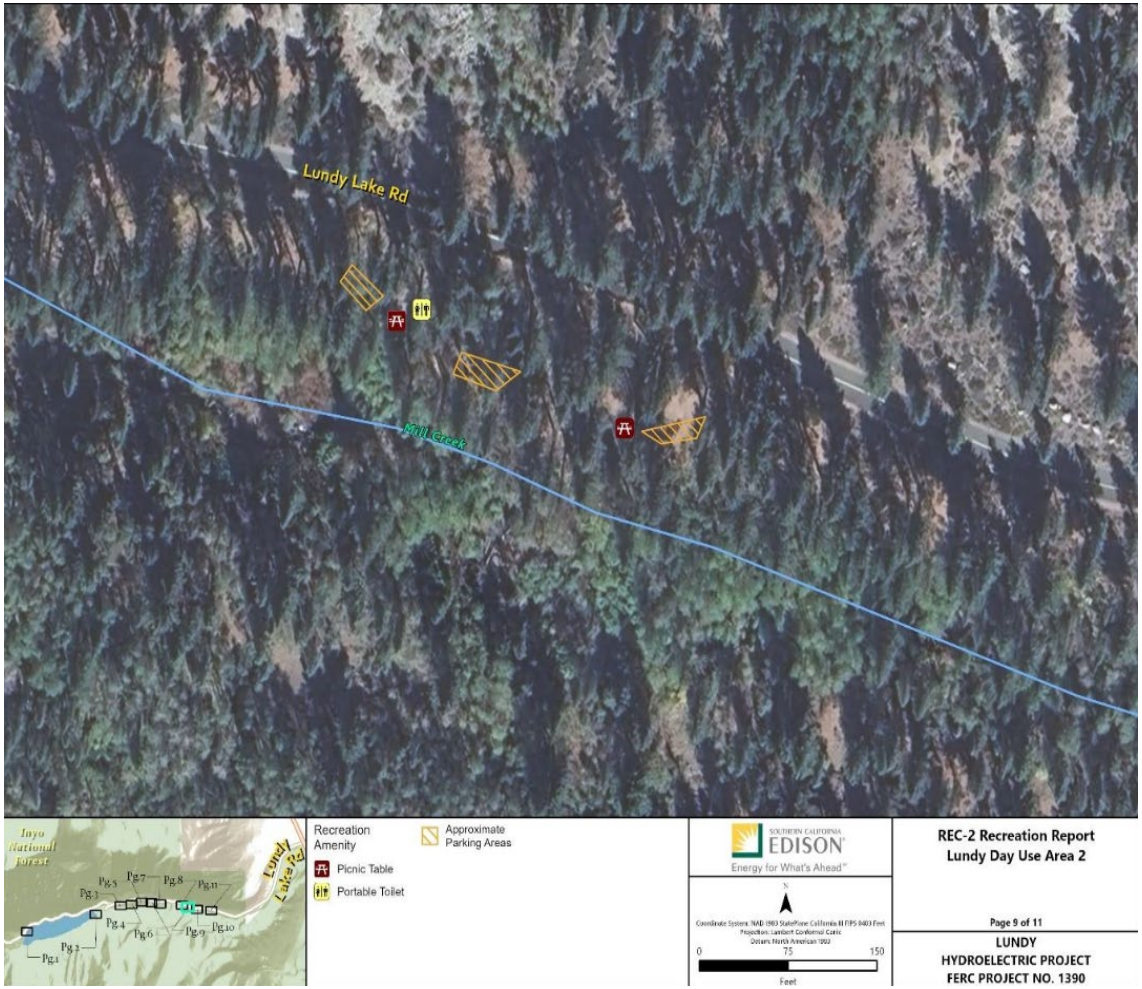
Day Use Area 1

Amenity Type	Amenity Condition	Count
Picnic Table	M	1
Portable Toilet	M	1

G = good
M = needs maintenance
R = needs repair
N = needs replacement

REC-2 Recreation Facilities Condition Assessment

Day Use Area 2

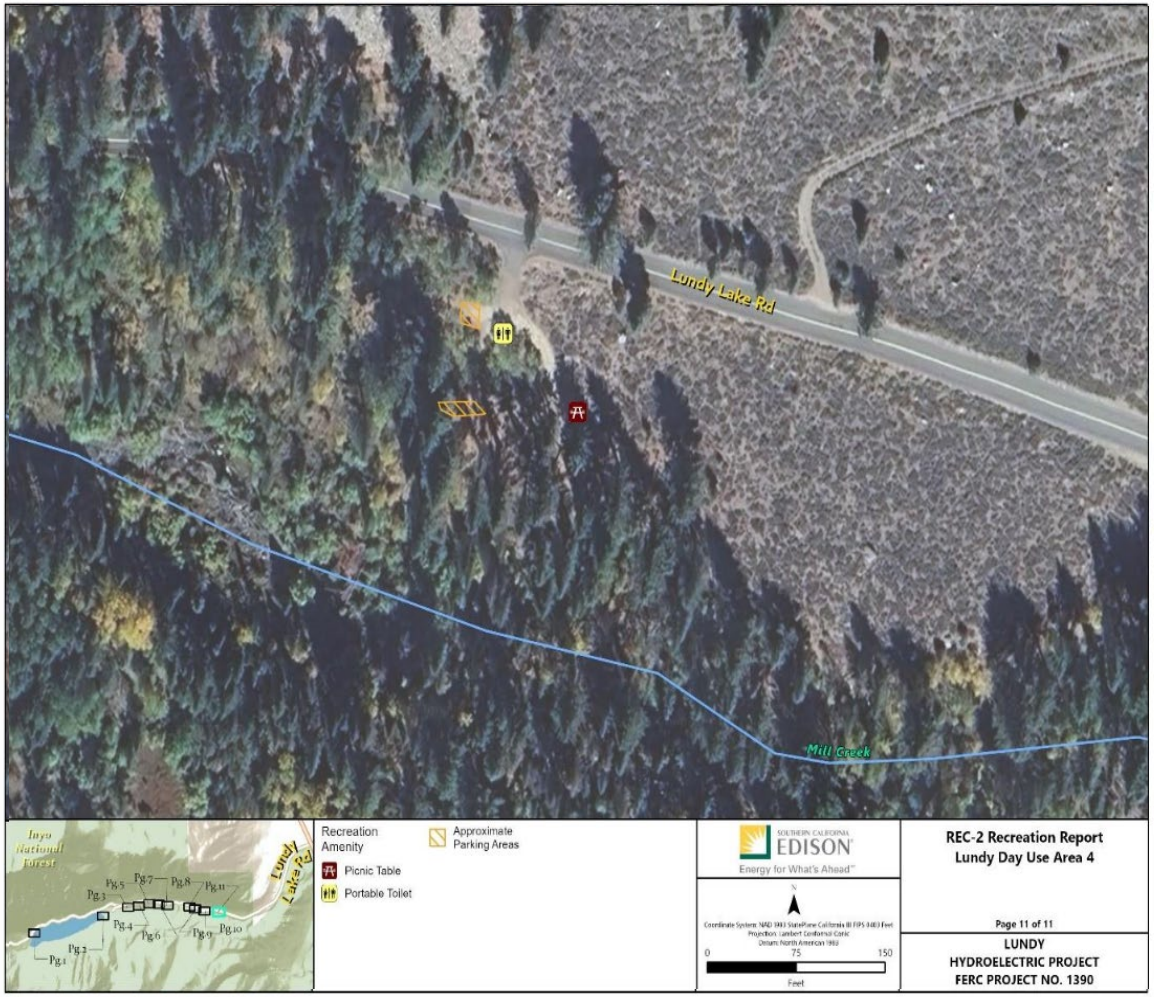


Amenity Type	Amenity Condition	Count
Social Firepit	R	1
Picnic Table	G	1
	R	1

G = good
M = needs maintenance
R = needs repair
N = needs replacement

REC-2 Recreation Facilities Condition Assessment

Day Use Area 3



Amenity Type	Amenity Condition	Count
Picnic Table	M	1
Portable Toilet	G	1

G = good
M = needs maintenance
R = needs repair
N = needs replacement

REC-2 Recreation Facilities Condition Assessment

Day Use Area 4

Amenity Type	Amenity Condition	Count
Picnic Table	M	1
Portable Toilet	G	1

G = good
M = needs maintenance
R = needs repair
N = needs replacement

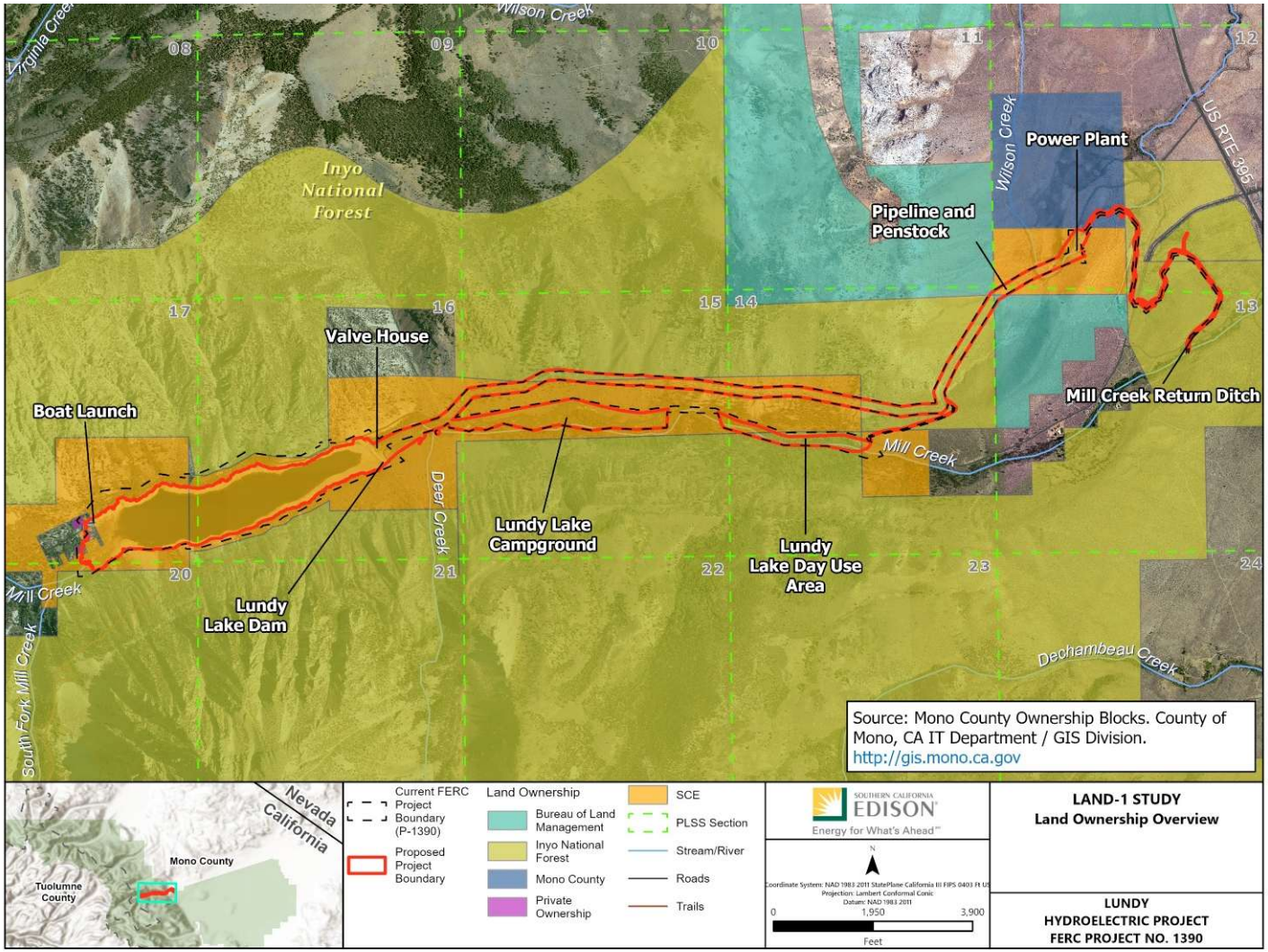
REC-2 Recreation Facilities Condition Assessment

Next Steps

Date	Activity
Winter/Spring 2026	Analysis and Interpretation of Data
October 2026	Final Technical Report filed with Draft License Application

LAND-1 Project Lands and Roads Study

Study Area Map



LAND-1 Project Lands and Roads Study

Goals/Objectives

- Identify whether additional Lundy Project lands may be needed for operation of the Project, including laydown and spoil areas, or whether current Project lands or facilities are no longer needed for Project operation.
- Confirm existing land ownership and federal lands within the existing FERC Project boundary are accurately represented.
- Identify which roads or access trails are used for access to and maintenance of the Project, and identify existing agreements related to maintenance of those roads and access trails.
- Inventory and assess the condition of those identified Project-related roads and access trails, including the potential need for improvements.
- Identify for purposes of describing in the License Application all Project facilities and structures used for hydroelectric generation (e.g., buildings, roads, and spillway).

LAND-1 Project Lands and Roads Study

Methods

- Assess the existing FERC Project boundary for accuracy
- Assess existing Project lands ownership and lease agreements information
- Consult with SCE O&M staff
- Consult with SCE and USFS staff to identify roads or access trails that may be used for Project purposes
- Assess the condition of roads or access trails identified for Project purposes

LAND-1 Project Lands and Roads Study

Study Plan Modifications

SCE is not proposing any modifications to LAND-1 as approved by FERC in its study plan determination.

Variances to Approved Methods

SCE encountered no variances when implementing the LAND-1 study plan as approved by FERC in its study plan determination.

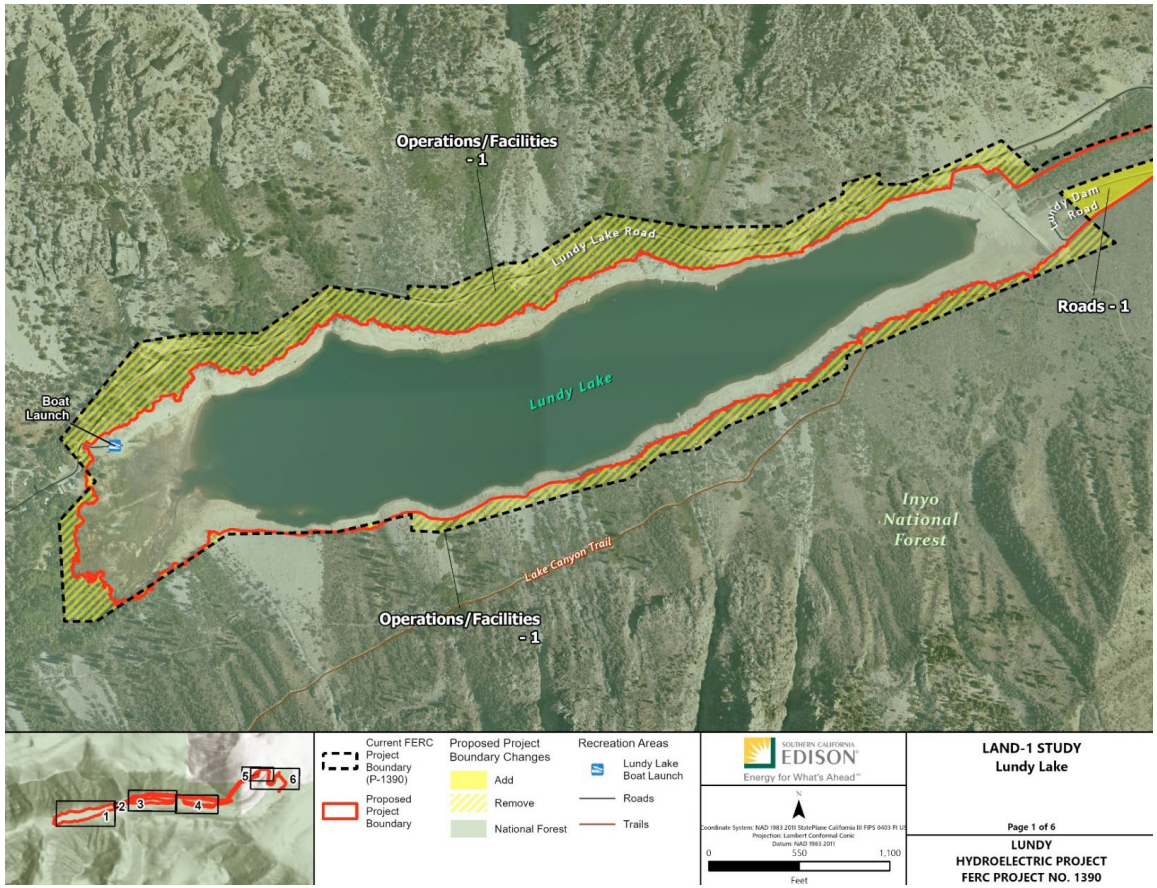
LAND-1 Project Lands and Roads Study

Proposed FERC Project Boundary Changes Related to Operations/Facilities

ID	Figure Reference	Current Description	Proposed Action	Reason for Proposed FERC Project Boundary Change
Operations/ Facilities – 1[a]	Figure Q-1	Project boundary around Lundy Lake	Adjust Project boundary around lake to maximum full pool elevation (7813’ NAVD 88).	Include lands only necessary for Project O&M purposes

LAND-1 Project Lands and Roads Study

Proposed FERC Project Boundary Changes Related to Operations/Facilities Q-1



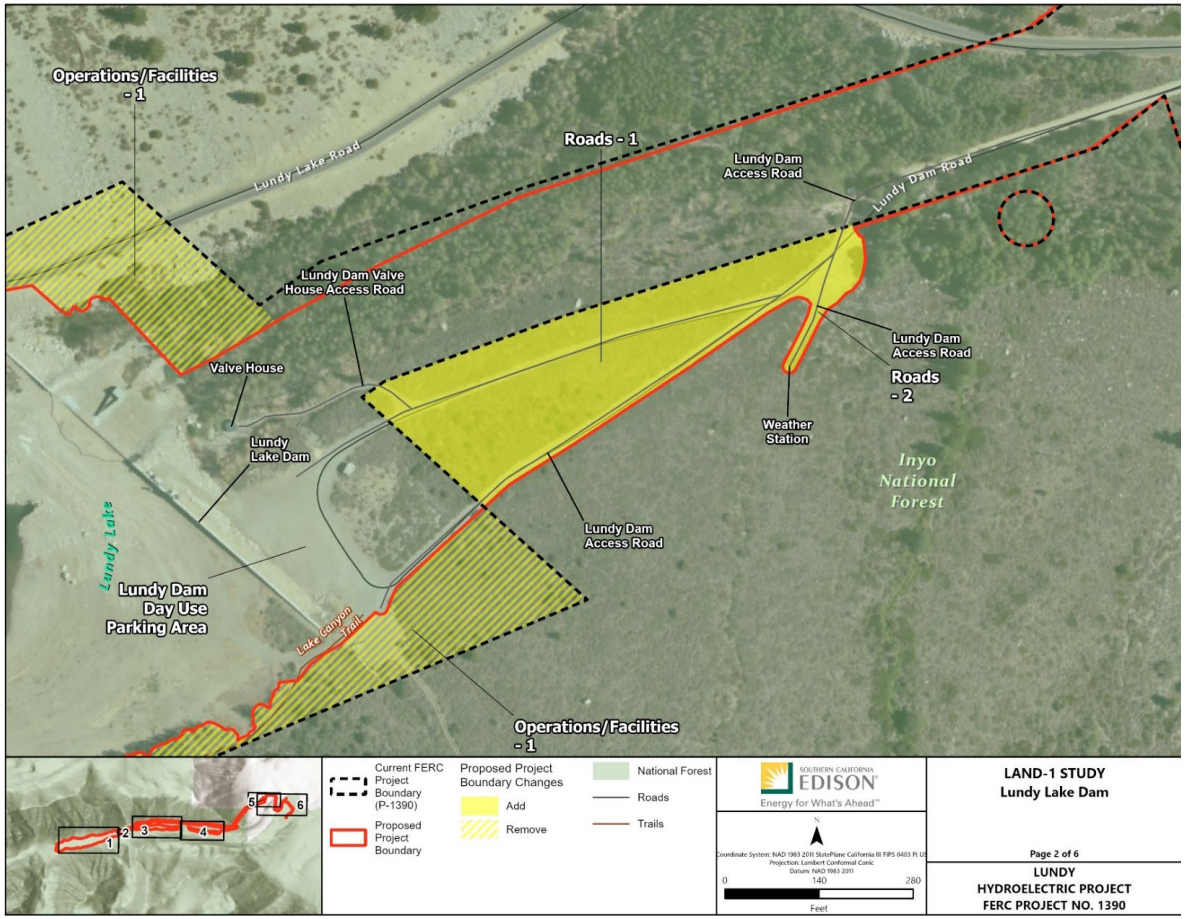
LAND-1 Project Lands and Roads Study

Proposed FERC Project Boundary Changes Related to Project Roads Inventory

ID	Figure Reference	Current Description	Proposed Action	Reason for Proposed FERC Project Boundary Change
Roads – 1	Figure Q-2	Lundy Dam	Extend Project boundary to include access roads to Lundy Dam and Lundy Day Use Areas	Used for Project O&M purposes
Roads – 2	Figure Q-2	Weather station	Extend Project boundary to include weather station and access road.	Used for Project O&M purposes
Roads – 3	Figure Q-3, Figure Q-4	Recreation areas	Remove lands between Lundy Lake Campground and Lundy Day Use Area 1 not associated with recreation at the Project	Lands not needed for Project purposes. Lundy Lake Road is a public access road not needed for project purposes.
Roads – 4	Figure Q-4	Recreation areas	Remove land not needed for Lundy Day Use Area 4	Not needed for recreation access
Roads – 5	Figure Q-5	Sand trap access road	Extend Project boundary to include access road to the sand trap.	Used for Project O&M purposes
Roads – 6 **Roads – 7**	Figure Q-6	Return ditch access	Extend Project boundary to include 2 Mill Creek Return Ditch access roads.	Used for Project O&M purposes

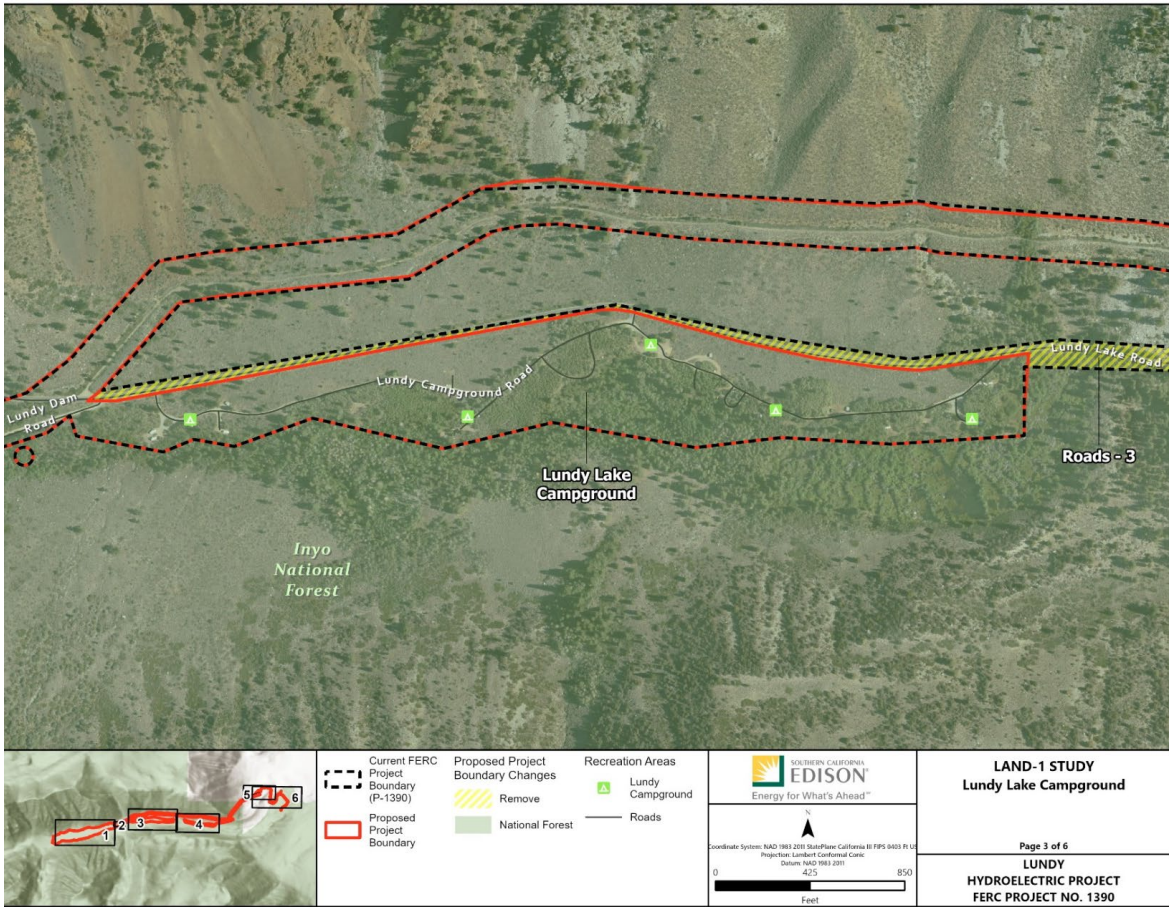
LAND-1 Project Lands and Roads Study

Proposed FERC Project Boundary Changes Related to Project Roads Inventory Q-2



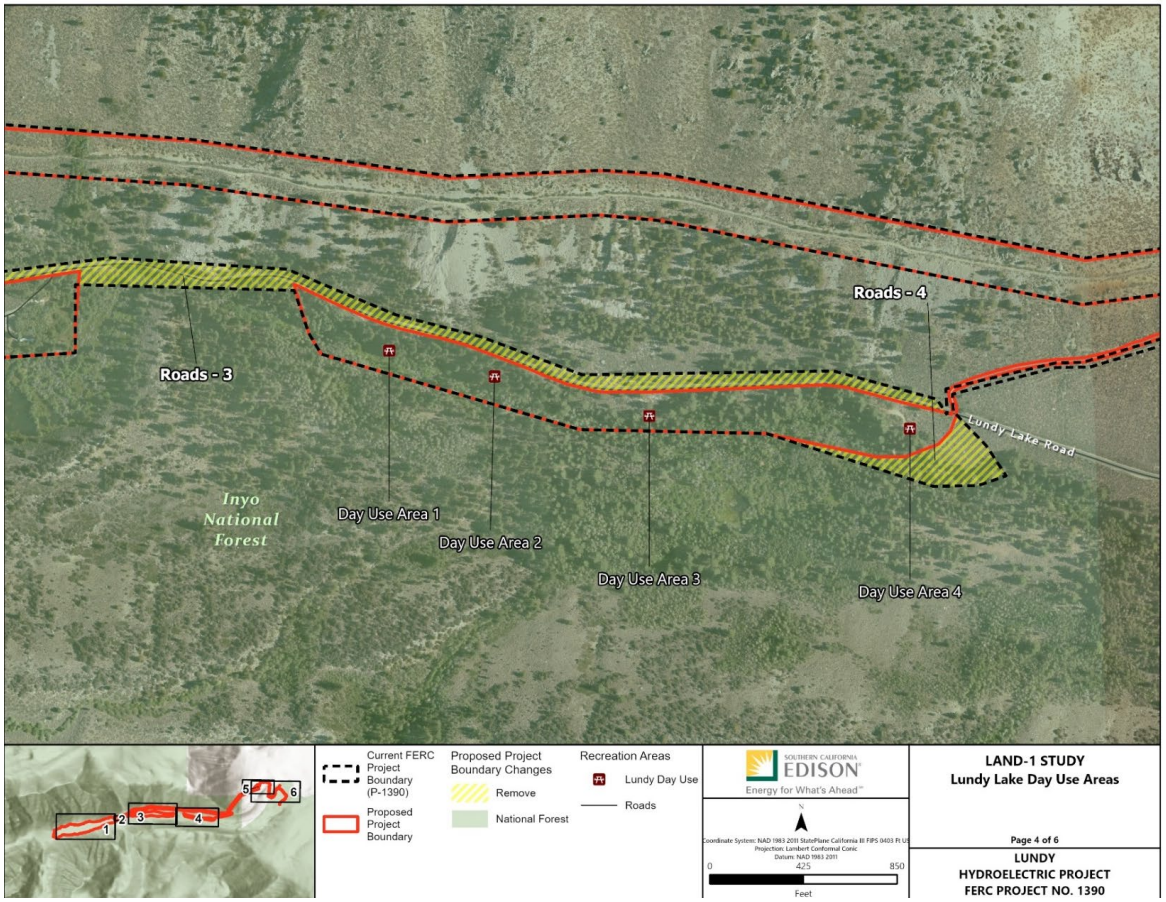
LAND-1 Project Lands and Roads Study

Proposed FERC Project Boundary Changes Related to Project Roads Inventory Q-3



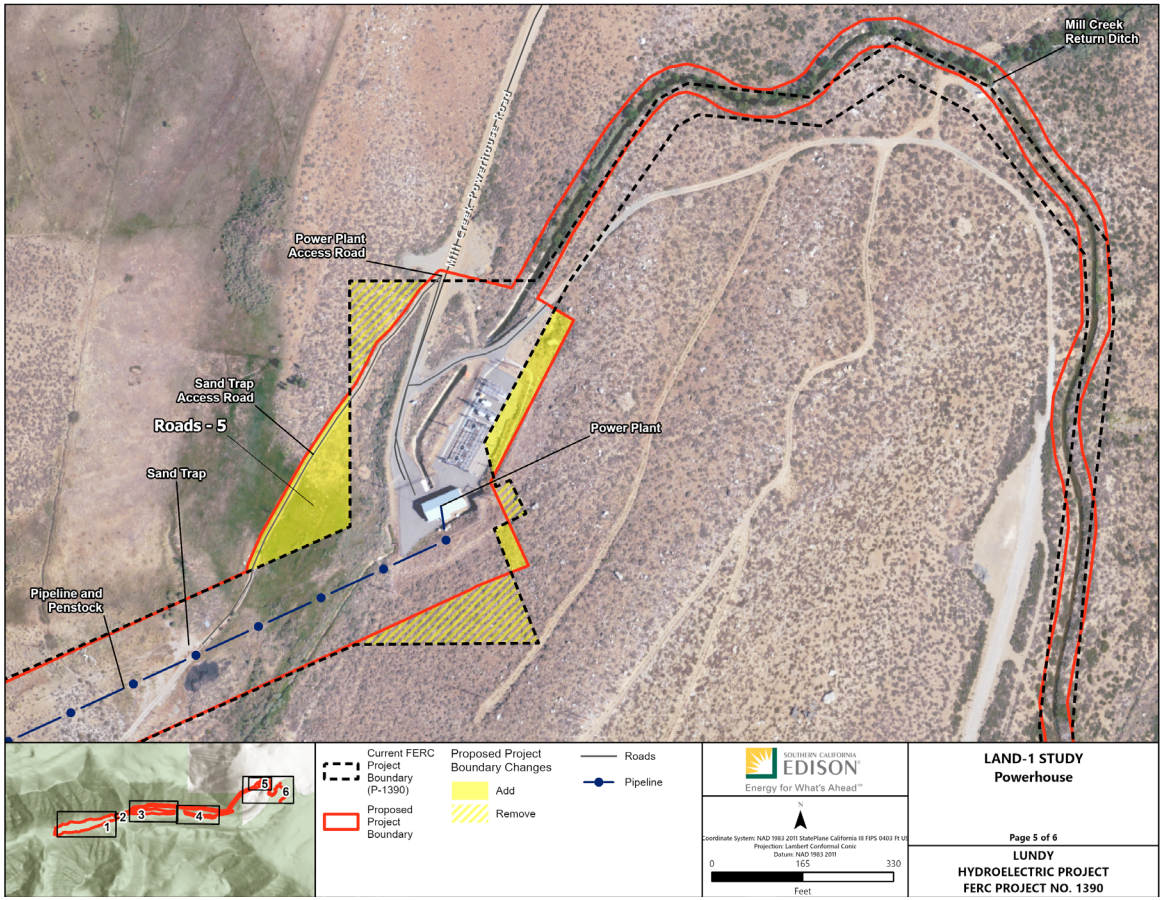
LAND-1 Project Lands and Roads Study

Proposed FERC Project Boundary Changes Related to Project Roads Inventory Q-4



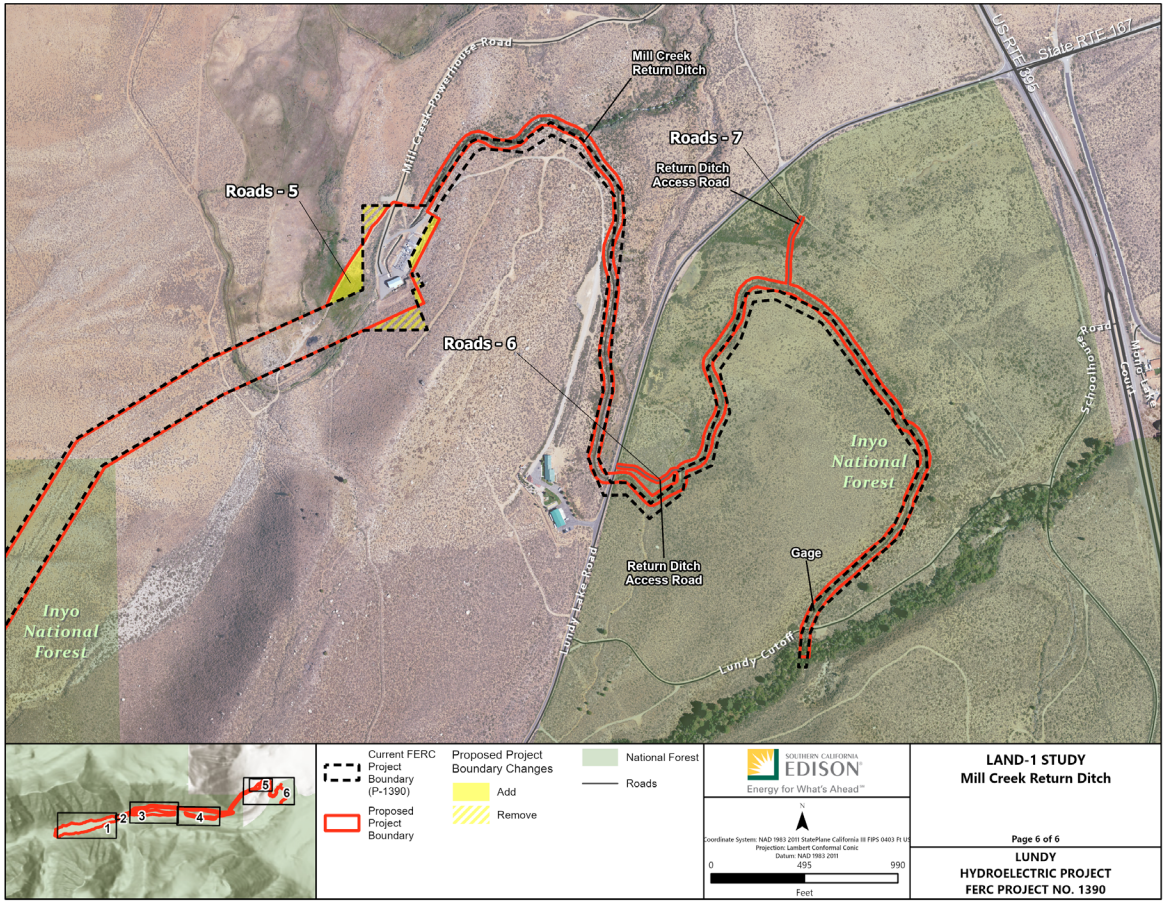
LAND-1 Project Lands and Roads Study

Proposed FERC Project Boundary Changes Related to Project Roads Inventory Q-5



LAND-1 Project Lands and Roads Study

Proposed FERC Project Boundary Changes Related to Project Roads Inventory Q-6



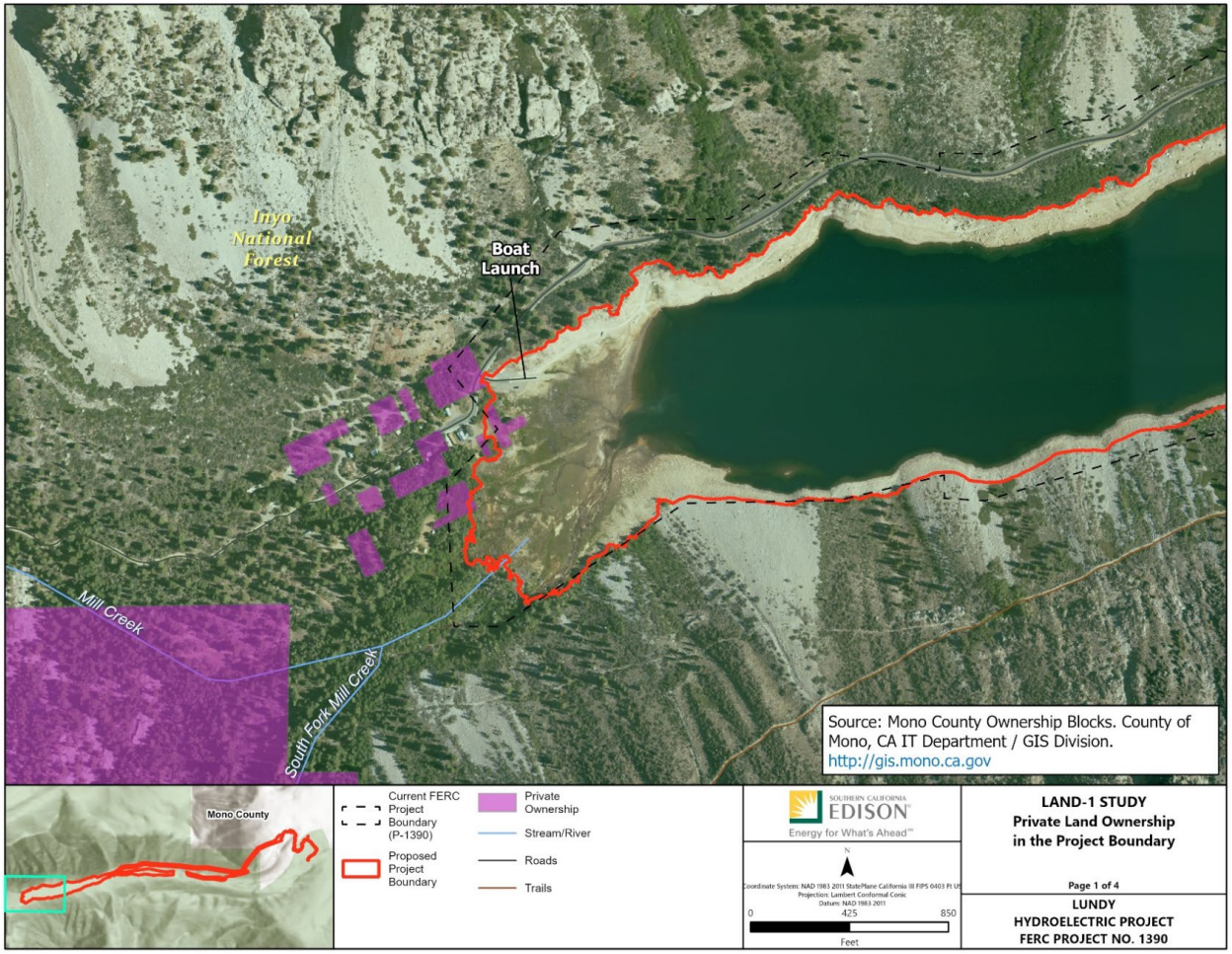
LAND-1 Project Lands and Roads Study

Land Ownership

Approximately 1.1 acres of private land
Approximately 53.8 acres of USFS land
Approximately 1.1 acres of Mono County land
Approximately 0.5 acre of Bureau of Land Management land
Approximately 279.1 acres of SCE land (note: this acreage was omitted from the slides presented at the ISR meeting)

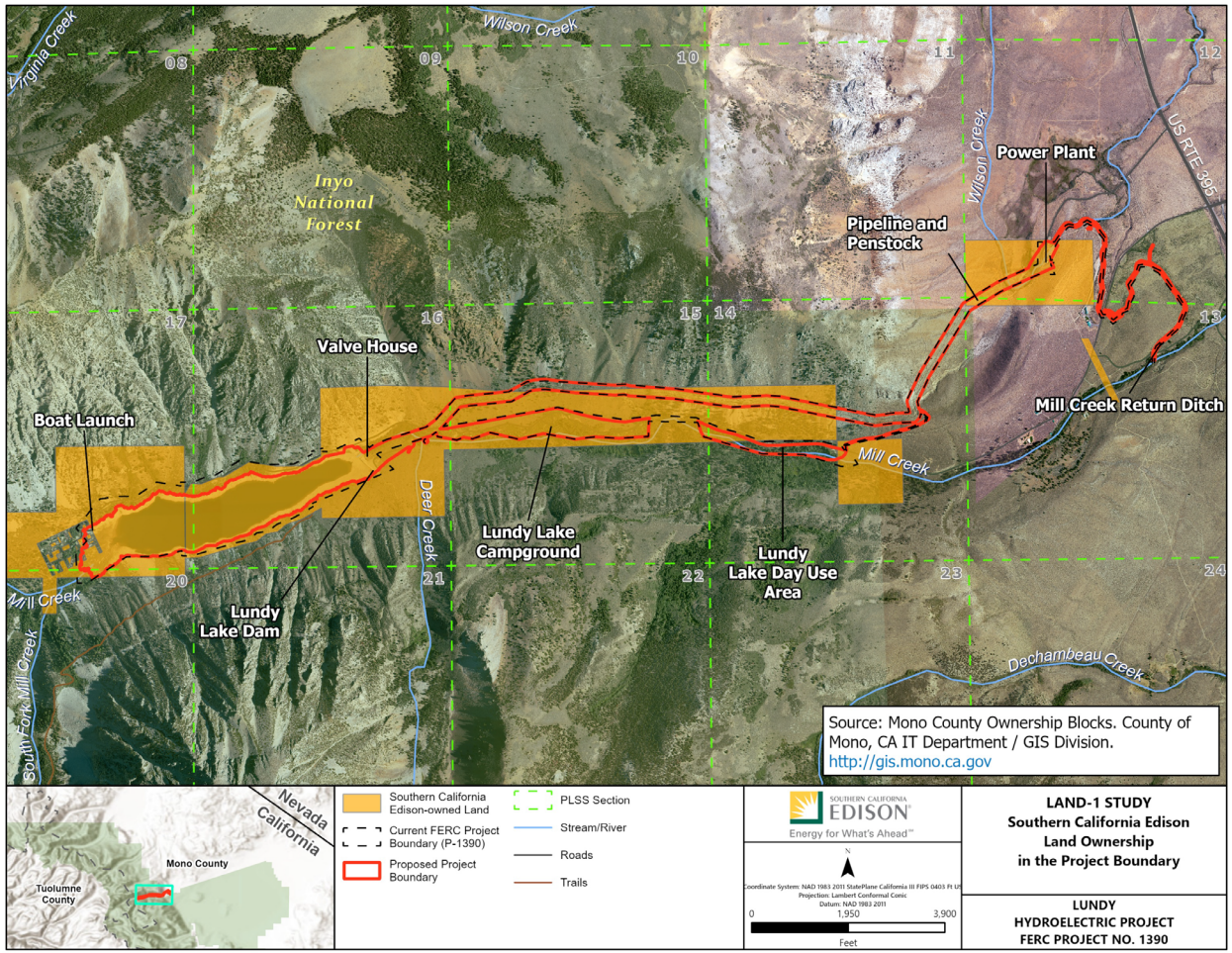
LAND-1 Project Lands and Roads Study

Private land ownership within the existing Project boundary



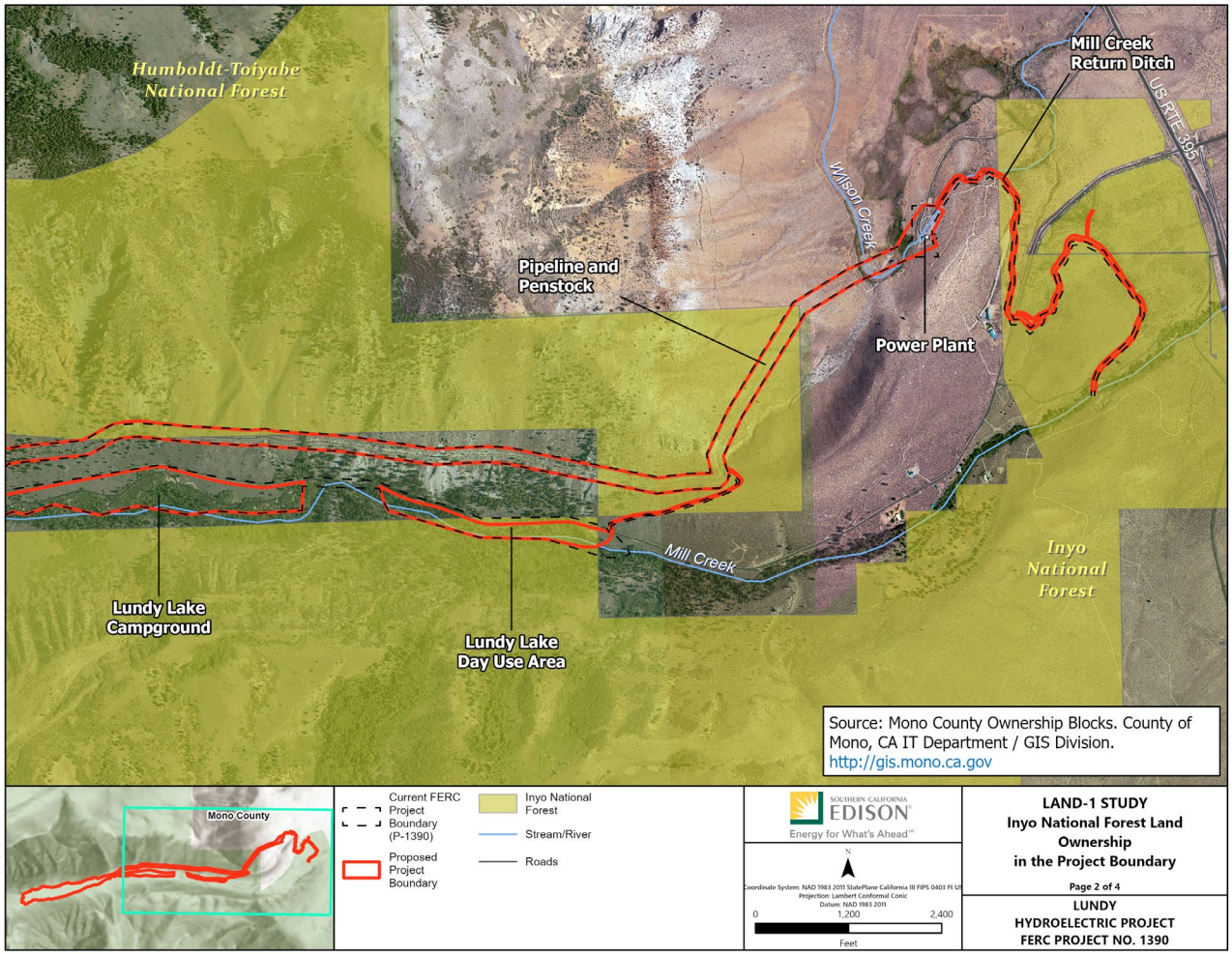
LAND-1 Project Lands and Roads Study

SCE land ownership within the existing Project boundary (**note:** this slide was not present in the version presented at the ISR meeting)



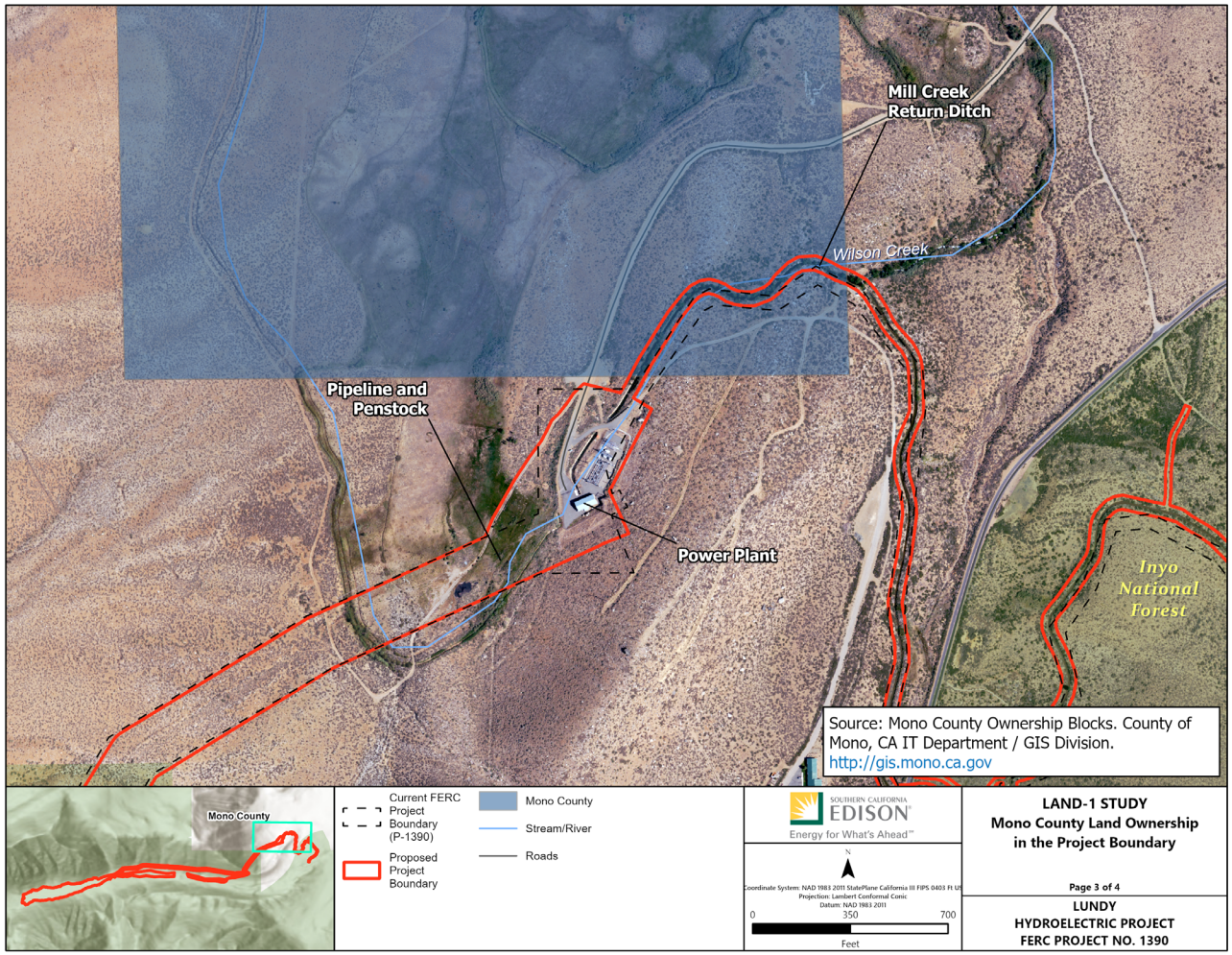
LAND-1 Project Lands and Roads Study

USFS land ownership within the existing Project boundary



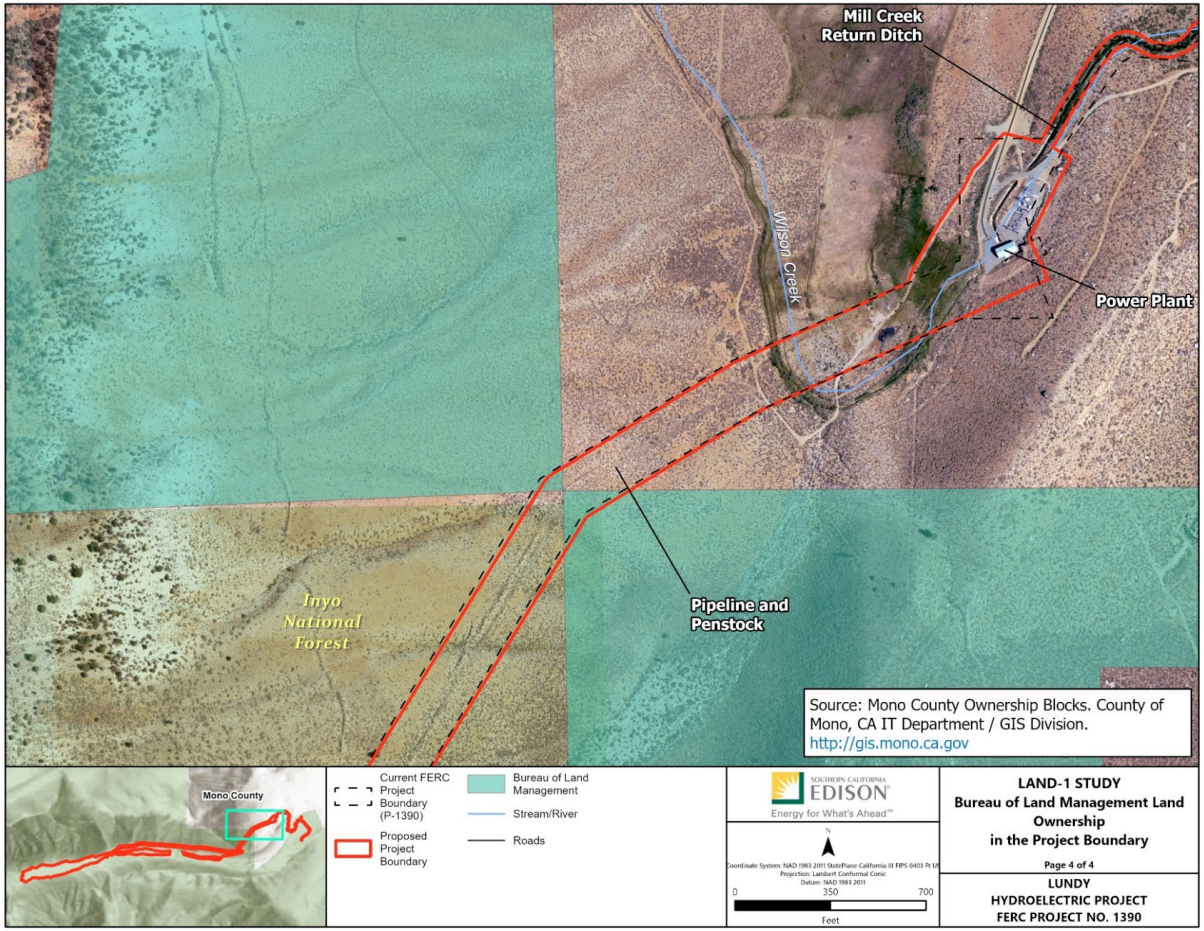
LAND-1 Project Lands and Roads Study

Mono County land ownership within the existing Project boundary



LAND-1 Project Lands and Roads Study

Bureau of Land Management land ownership within the existing Project boundary



LAND-1 Project Lands and Roads Study

Next Steps

Date	Activity
Winter/Spring 2026	On-going consultation with SCE and USFS
Summer 2026	Condition assessment of roads and trails identified in consultation
October 2026	Final Technical Report filed with Draft License Application

Questions?

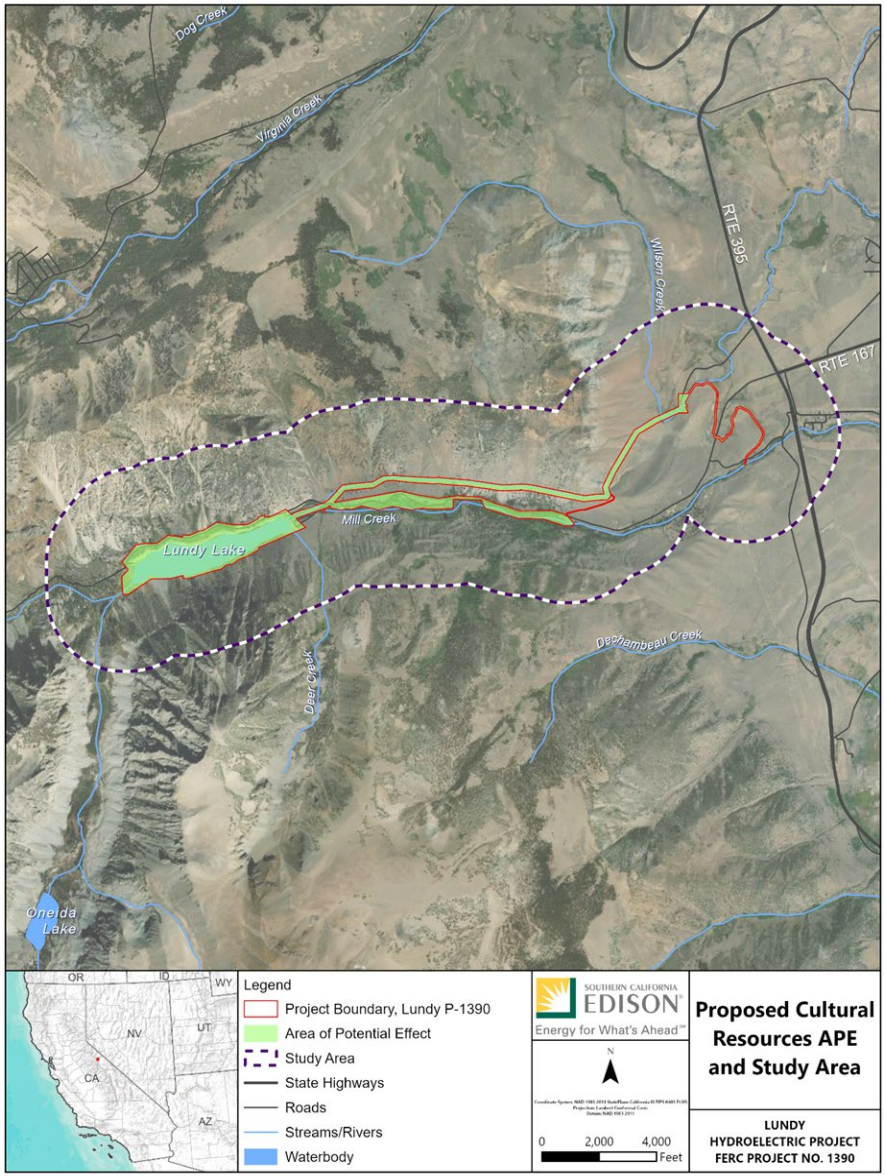
Cultural and Tribal Resources

CUL-1 Cultural Resources - Archaeology
CUL-2 Cultural Resources – Built Environment
TRI-1 Tribal Resources

Building foundation at historic Lundy town site

CUL-1
Cultural Resources
Archaeology

- The Area of Potential Effects (APE) is the entire area within the FERC Project boundary
- The vertical APE ranges from surface to a maximum depth of approximately 10 feet
- California State Historic Preservation Officer (SHPO) concurred with APE definition in November 2025
- The study area for cultural resources consists of a 0.5-mile radius around the APE



CUL-1 Cultural Resources Archaeology

Study Goals

- Meet FERC compliance requirements under its Regulations (18 CFR Part 5) and Section 106 of the National Historic Preservation Act (NHPA), as amended, by determining if Project-related activities and public access will have an adverse effect on historic properties.
- Identify all archaeological resources within the APE, determine which are historic properties, and develop the Historic Preservation Management Plan (HPMP) based on those results.
- Ensure that future Project facilities and operations are consistent with the Desired Conditions described in the Land Management Plan for the Inyo National Forest (USFS, 2019).

CUL-1 Cultural Resources Archaeology

Methods

- Archival Research
  - Most of the archival research was completed and presented as part of the Study Plan (compilation of previous studies, known sites, and their National Register evaluation status)
- Permits
  - Work was completed under permits issued by USFS (Inyo NF) and BLM (Bishop Field Office). Permit conditions require agency review of inventory & evaluation documents
- Archaeological Inventory
  - Archaeological survey of the APE was completed in May 2025
- Reporting and Historic Properties Management Plan
  - Draft survey report to be submitted Spring 2026 to qualified reviewers

CUL-1 Cultural Resources Archaeology

Study Plan Modifications

SCE is not proposing any modifications to CUL-1 as approved by FERC in its study plan determination.

Variances to Approved Methods

SCE encountered no variances when implementing the CUL-1 study plan as approved by FERC in its study plan determination.

Basque tree carving

CUL-1 Cultural Resources Archaeology

Preliminary data summary

Site age	Previously recorded, updated during this study	Newly recorded	Total
Historic-period	10	18	28
Precontact	1	1	2
Multi-component	1	1	2
Total	12	20	32

- Most of these archaeological resources have not yet been evaluated for National Register eligibility.
- One site (Jordan Powerhouse remains) was previously determined eligible in 1990, and eight other previously recorded sites were determined ineligible.

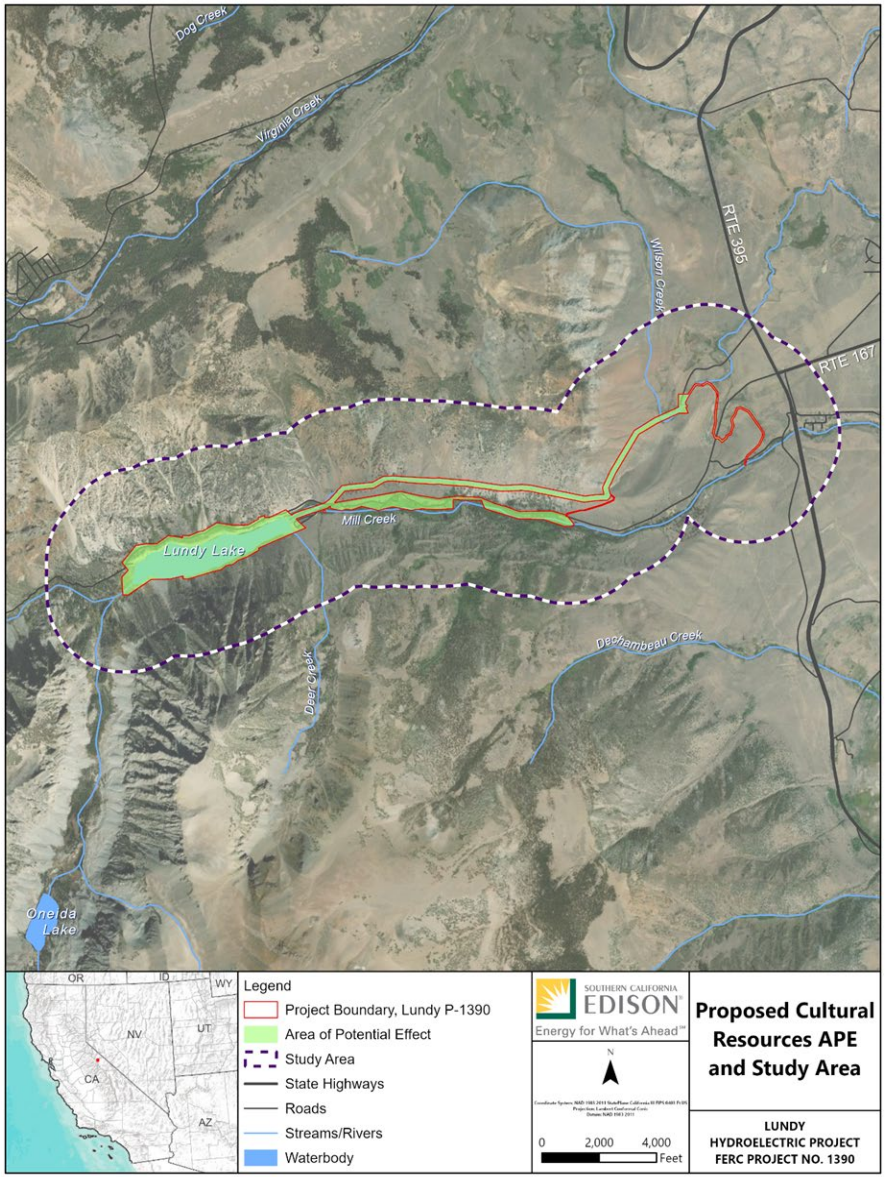
CUL-1 Cultural Resources - Archaeology

Next steps

Date	Activity
Spring 2026	Draft Technical Report
Fall 2026	Draft Technical Report with DLA
February 2027	Final Technical Report with FLA (to include HPMP)

CUL-2
Cultural Resources
Built Environment

- The Area of Potential Effects (APE) is the entire area within the FERC Project boundary
- The vertical APE ranges from surface to a maximum depth of approximately 10 feet
- California State Historic Preservation Officer (SHPO) concurred with APE definition in November 2025
- The study area for cultural resources consists of a 0.5-mile radius around the APE



CUL-2 Cultural Resources Built Environment

Study Goals

- Meet FERC compliance requirements under in its Regulations (18 CFR Part 5) and Section 106 of the NHPA, as amended, by determining if Project-related activities and public access will have an adverse effect on historic properties.
- Ensure that future Project facilities and operations are consistent with the Desired Conditions described in the Land Management Plan for the Inyo National Forest (USFS, 2019).
- Conduct inventory and evaluation of built environment resources within the APE.
- Prepare technical report presenting conclusions and built environment resources sections of HPMP.

CUL-2 Cultural Resources Built Environment

Methods

- Archival Research
  - Some of the archival research was completed and presented as part of the Study Plan (compilation of previous studies, known sites, and their National Register evaluation status)
  - Additional research completed
- Permits
  - Work was completed under permits issued by USFS (Inyo NF) and BLM (Bishop Field Office). Permit conditions require agency review of inventory & evaluation documents
- Built Environment Inventory and Evaluations
  - Survey of the APE was completed in August 2025, evaluations are under way
- Reporting and Historic Properties Management Plan
  - Draft survey report to be submitted Spring 2026 to qualified reviewers

CUL-2 Cultural Resources Built Environment

Study Plan Modifications

SCE is not proposing any modifications to CUL-2 as approved by FERC in its study plan determination.

Variances to Approved Methods

SCE encountered no variances when implementing the CUL-2 study plan as approved by FERC in its study plan determination.

Powerhouse, Lundy Lake Hydroelectric Project, camera facing north, May 2025.

CUL-2 Cultural Resources Built Environment

Preliminary data summary

- All built environment resources within the APE were recorded or re-recorded by field survey.
- Evaluation conclusions will be presented in the technical report and addressed in the HPMP.
- To date eight built environment resources/complexes have been identified within the APE
  - **Lundy Dam / Lundy Lake Complex**
  - **Flowline (pipeline and penstock)**
  - **Lundy Powerhouse Complex**
  - **Lundy Tailrace**
  - **Mill Creek Return Ditch**
  - **Upper Conway Ditch**
  - **Lundy Day Use Complex**
  - **Lundy Campground Complex**

CUL-2 Cultural Resources Built Environment

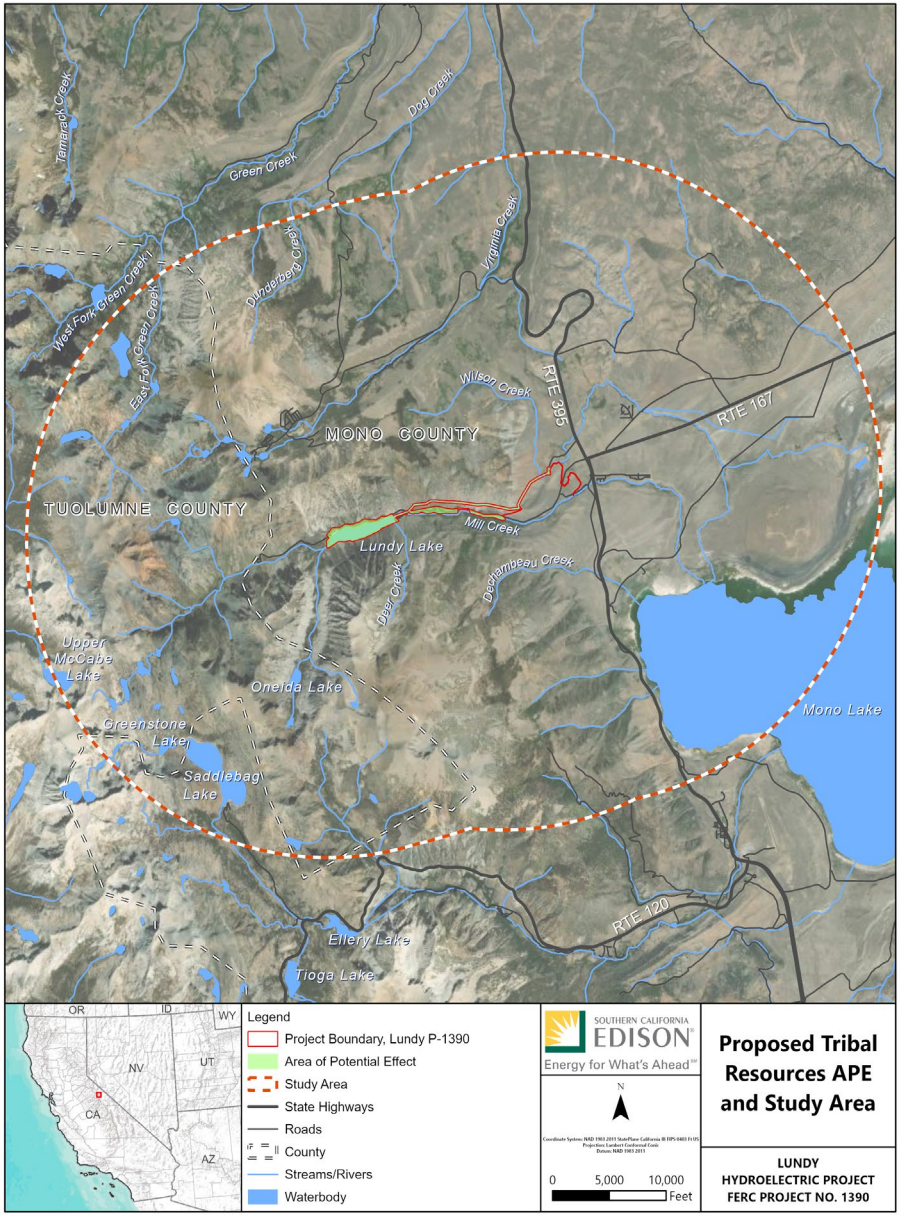
Next steps

Date	Activity
Spring 2026	Draft Technical Report
Fall 2026	Draft Technical Report with DLA
February 2027	Final Technical Report with FLA (to include HPMP)

Powerhouse and switchyard, Lundy Lake Hydroelectric Project, camera facing southeast, August 2025.

TRI-1
Tribal Resources

- The Area of Potential Effects (APE) is the entire area within the FERC Project boundary
- The vertical APE ranges from surface to a maximum depth of approximately 10 feet
- California State Historic Preservation Officer (SHPO) concurred with APE definition in November 2025
- The study area for Tribal resources consists of a 5-mile radius around the APE



TRI-1 Tribal Resources

Study Goals

- Identify and document Tribal resources identified within or immediately adjacent to the proposed APE.
- Conduct a thorough American Indian ethnographic/ethnohistoric survey of the proposed APE and Study Area.
- Conduct outreach and contact with Tribal governments and their representatives.

TRI-1 Tribal Resources

Methods

- Archival Research
  - Some of the archival research was completed and presented as part of the Study Plan
  - Additional research in progress
- Permits
  - Work was completed under permits issued by USFS (Inyo NF) and BLM (Bishop Field Office). Permit conditions require agency review of inventory & evaluation documents
- Assist other resource specialists, underway
- Meetings with Tribal Governments, underway
- Interviews, underway
- Tribal Resources Identification and evaluations, underway
- Reporting and Historic Properties Management Plan
  - Draft report document to be submitted Summer 2026 to qualified reviewers

TRI-1 Tribal Resources

Study Plan Modifications

SCE is proposing one modification to TRI-1 as approved by FERC in its study plan determination:

– California Department of Parks and Recreation 523 forms will not be prepared as part of the TRI-1 Technical Study Report

Variances to Approved Methods

SCE encountered no variances when implementing the TRI-1 study plan as approved by FERC in its study plan determination.

TRI-1 Tribal Resources

Preliminary data summary

– Pending

Photograph of Mono Lake Kootzaduka'a (Northern Paiute) Acorn Processing Camp near Mill Creek, with John Muir, 1900. Source: C. Hart Merriam Collection of Native American Photographs, Bancroft Library, Univ. of California, Berkeley.

TRI-1 Tribal Resources

Next steps

Date	Activity
Spring 2026	Draft Technical Report
Fall 2026	Draft Technical Report with DLA
February 2027	Final Technical Report with FLA (to include HPMP)


Questions?

SOUTHERN CALIFORNIA EDISON®
Energy for What's Ahead℠

FERC Criteria for Expanding or Adding Studies

FERC Criteria for Expanding or Adding Studies

Criteria for modification of approved study – requestor should demonstrate:

- Approved studies were not conducted as provided for in the approved study plan; or
- The study was conducted under anomalous environmental conditions or that environmental conditions have changed in a material way.

FERC Criteria for Expanding or Adding Studies

Criteria for new study – requestor should explain:

- Any material changes in the law or regulations applicable to the information request;
- Why the goals and objectives of any approved study could not be met with the approved study methodology;
- Why the request was not made earlier;
- Significant changes in the project proposal or that significant new information material to the study objectives has become available; and
- Why the new study request satisfies the study criteria in §5.9(b).

Questions

SOUTHERN CALIFORNIA EDISON®
Energy for What's Ahead℠

NEXT STEPS

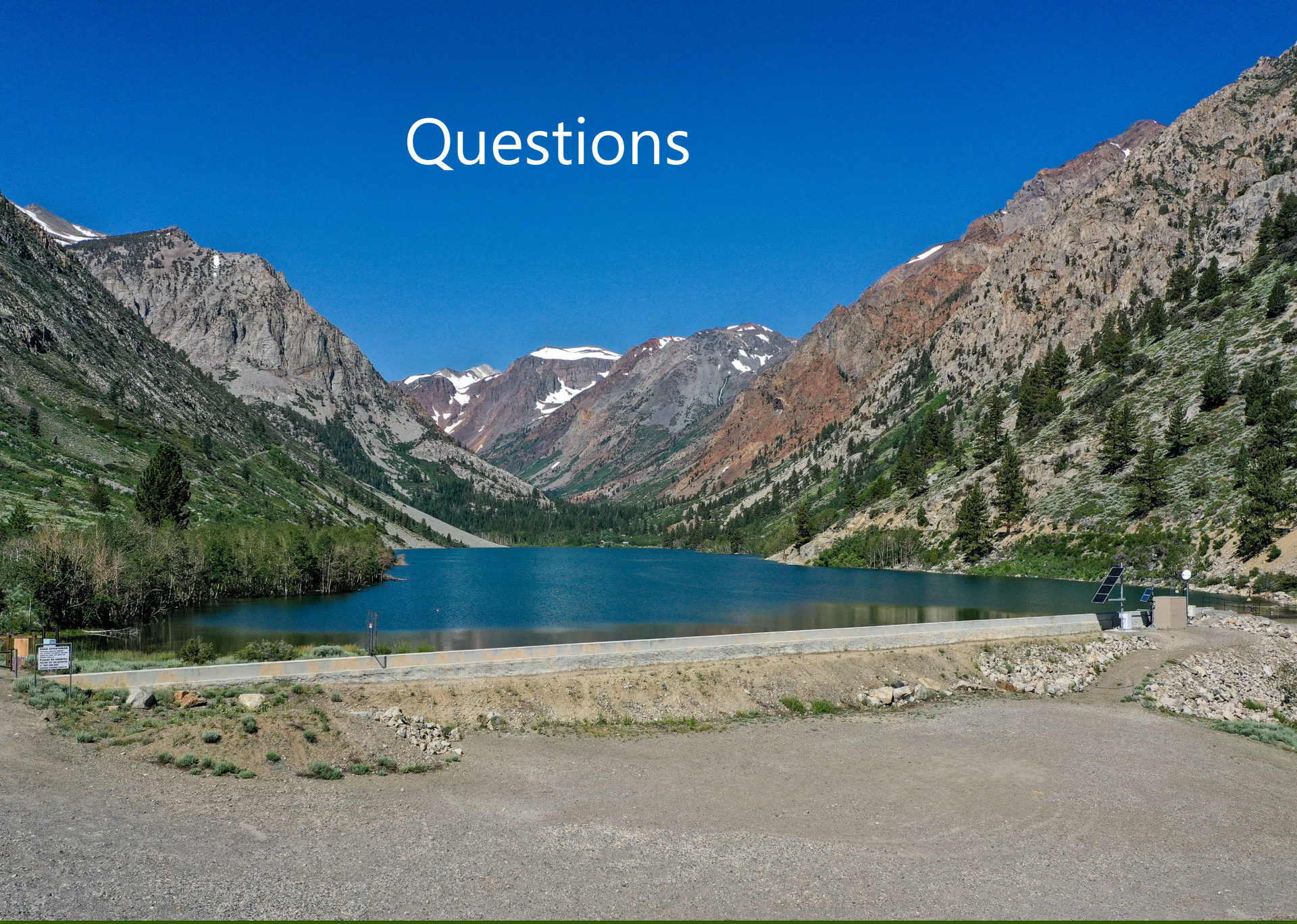
FERC-Driven Schedule and Next Steps

- Meeting Summary no later than 15 days after meeting (February 2, 2026)
  - To include modifications or new studies proposed by applicant
  - Any additional data/analysis made ready between preparation of ISR and ISR meeting
- Comments on meeting summary within 30 days (March 11, 2026)
- Dispute resolution pathway if necessary

How to Stay Involved

- Check the Project website for updates/news at www.sce.com/lundy
- You can view other SCE relicensing Projects at www.sce.com/regulatory/hydro-licensing
- Sign up to receive Project-related emails through the Contact Registration Form/Project Questionnaire on the Project website
- Sign up for FERC's e-subscription
  - docket number "P-1390" at www.ferc.gov
- Email Angela Whelpley with questions angela.whelpley@kleinschmidtgroup.com

Questions



SOUTHERN CALIFORNIA EDISON®
Energy for What's Ahead℠

Thank you!