



Wayne P. Allen  
Principal Manager  
Regulatory Support Services

*Filed Electronically*

October 25, 2024

Debbie-Anne A. Reese  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, NE  
Washington, DC 20426

**Subject: Rush Creek Hydroelectric Project, FERC Project No. 1389-059  
2024 Updated Study Report**

Dear Secretary Reese:

Southern California Edison Company (SCE) is filing this Updated Study Report (USR) to provide the Federal Energy Regulatory Commission (FERC or Commission) and stakeholders with information regarding progress made in implementing the FERC-approved Technical Study Plans (TSP) associated with the relicensing of the Rush Creek (Project).

In accordance with 18 CFR § 5.15(f), SCE must file the USR within two years of Study Plan Determination by FERC. The USR summarizes SCE's overall progress to date (through early October 2024) in implementing the study plans, including an explanation of any variances. This report also summarizes any modifications to ongoing studies or new studies proposed by SCE. This USR is being filed with FERC and distributed to stakeholders.

Distribution of the 2024 Updated Study Report is being made by electronic means unless a relicensing participant's email address is unavailable or they previously requested delivery via U.S. mail (Attachment A). The 2024 Updated Study Report and other Rush Creek Project relicensing documents can be obtained from FERC's website at <http://www.ferc.gov/docs-filing/elibrary.asp> or SCE's Rush Creek Project relicensing website at <http://sce.com/rushcreek>.

## **BACKGROUND**

On December 16, 2021, SCE filed a Notice of Intent (NOI) and Pre-Application Document (PAD) with FERC to initiate the Integrated Licensing Process (ILP) to obtain a new license for the Rush Creek Project. The PAD provided FERC, federal and state agencies, Native American Tribes and other interested parties with background information related to Project facilities, operations, and maintenance activities; summarized existing, relevant, and reasonably available information; defined pertinent Project issues; and identified potential study needs. The PAD also included 15 Draft TSP.

On February 14, 2022, FERC issued a Notice of Commencement of Pre-Filing Process and Scoping Document 1 (SD1) for the Project. SD1 provided interested parties with FERC's preliminary list of issues and alternatives to be addressed in a National Environmental Policy Act document analyzing effects of the Project and potential conditions applicable to a new Project license. Additionally, FERC requested that any party interested in providing comments on the PAD and SD1 and/or submitting formal study requests do so by April 15, 2022, in accordance with a 60-day comment period. During the comment period, FERC conducted two virtual scoping

meetings. Nine entities filed comments, including two from SCE, on SD1. The FERC revised SD1 based on oral comments received at the scoping meetings and written comments received through the scoping process. FERC issued Scoping Document 2 (SD2) on May 27, 2022.

In response to stakeholder study requests filed with FERC and stakeholder comments received during a series of Technical Working Group meetings held by SCE in February and March of 2022, SCE incorporated revisions to the 15 Draft TSPs filed with the PAD and, pursuant to 18 CFR § 5.11 filed a Proposed Study Plan (PSP) with FERC on May 26, 2022. Stakeholders and local communities were afforded 90 days from the date of the PSP filing to provide comments on the PSP or to request additional studies. During the comment period, SCE conducted a virtual study plan meeting on June 16, 2022, with stakeholders and local communities to (1) provide an overview of the PSP; (2) discuss information gathering or study requests from stakeholders; and (3) attempt to resolve any outstanding issues with respect to SCE's PSP. Comments on the PSP were filed by the U.S. Forest Service (Forest Service), State Water Resources Control Board (State Water Board), East Shore Silver Lake Improvement Association (ESSLIA), and June Lake Regional Planning Advisory Committee (filed on behalf of themselves, Friends of the Inyo, American Rivers, and California Sportfishing Protection Alliance).

Pursuant to 18 CFR § 5.13(a), on September 23, 2022, SCE filed a Revised Study Plan (RSP) with FERC. The RSP addressed specific study plan comments made on the PSP either by modifying the previously filed TSPs included in the PSP or by providing a rationale for why a comment or new study request was not adopted. During the 20-day comment period, four comment letters were received on the RSP, including comments filed by ESSLIA; State Water Board; Forest Service; and California Department of Fish and Wildlife. In addition, on October 19, 2022, SCE filed responses to the stakeholder comments with FERC, which included a revised TERR 2 – Wildlife Resources TSP.

On October 26, 2022, FERC issued its Study Plan Determination with staff-recommended modifications. Of the 15 studies proposed by SCE, FERC-approved 14 as filed, and one (TERR 2 – Wildlife Resources TSP) approved with staff modifications. FERC staff also required preparation of two additional studies: an Environmental Justice Study (new study plan proposed by FERC) and a Full Project Decommissioning Study (stakeholder-requested study, as modified by FERC).

SCE began implementing the approved studies in 2023. Study progress was documented in SCE's Initial Study Report (ISR) filed with FERC on October 26, 2023. The ISR summarized SCE's overall progress through early October 2023 in implementing the study plans, including an explanation of any variances and modifications to ongoing studies. SCE held a virtual meeting on November 9, 2023 to discuss the contents of the ISR and to address comments regarding study plan implementation. The meeting discussion was documented in an ISR Meeting Summary that SCE filed with FERC on November 21, 2023. Seven entities filed comments on the ISR Meeting Summary, including requests for study modifications. On January 24, 2024, SCE filed a Response to Comments on the ISR Meeting Summary.

On the evening of February 13, 2024, SCE hosted an in-person relicensing community meeting at the June Lake Community Center. During the meeting SCE shared the relicensing process and schedule and reviewed the plan and process for the coming months, including roll-out of the Technical Study Reports (TSR), opportunities to review and comment on report findings, and preparation of the Draft and Final License Applications.

On February 23, 2024, FERC issued a determination on requests for study modifications. Requested modifications to AQ 4 – Water Quality, AQ 6 – Fish Population and Barriers, and AQ 7 – Special-status Amphibians were approved with staff-recommended modifications.

In accordance with 18 CFR § 5.16(c) and FERC staff's Process Plan and Schedule included in SD2, SCE filed a Draft License Application (DLA) for the Project on August 28, 2024. The DLA provides the necessary technical information and analyses to identify and evaluate potential impacts of Project facility modifications and of continued operation and maintenance of the Project. Supporting Document A of the DLA includes TSRs that document results of the studies implemented for the Project relicensing, and which provide the basis for the impact analysis in the DLA. The 90-day public review and comment period for the DLA ends on November 26, 2024.

## **TECHNICAL STUDY REPORT DISTRIBUTION**

The 17 TSRs contained within Supporting Document A of the DLA are a result of implementation of the 17 TSPs approved by the FERC and developed in consultation with representatives from federal and state resource agencies, Native American Tribes, local governments, non-governmental organizations, local communities, and interested members of the public (collectively referred to as stakeholders).

Each TSR includes a description of the study objectives; study area; approach and methods; data analysis; and results. Attachment B includes the distribution dates of each TSR. Comments received on TSRs distributed prior to filing of the DLA were addressed in the TSR included in Supporting Document A of the DLA. Comments received during the DLA review period will be addressed in the Final License Application (FLA).

## **STUDY IMPLEMENTATION PROGRESS**

Study progress through early October 2024 is summarized in Attachment C. Each study is categorized as follows:

- **Complete:** These studies are complete; there are no outstanding study elements.
- **Outstanding Study Element:** These studies have (1) outstanding elements to be completed, or (2) outstanding elements to be reported based on field data gathered in 2024.
- **Variance:** These studies have a variance from the FERC-approved TSP. A variance is a change from the TSP or schedule due to changed circumstances, field conditions, or other factors during the implementation of the FERC-approved TSP methods.

SCE made no modifications to any FERC-approved study plan, and therefore none of the studies are identified as modified.

Federal Energy Regulatory Commission  
October 25, 2024  
Page 4

## NEXT STEPS

In accordance with 18 CFR § 5.15(f) and 18 CFR § 5.15(c)(2), SCE will convene a USR Meeting to discuss overall progress of study plan implementation and address any stakeholder comments. Meeting details are as follows:

**Date:** November 7, 2024

**Time:** 9 a.m. – 12 p.m. Pacific Time

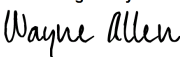
**Where:** June Lake Community Center, 90 W. Granite Ave., June Lake, CA 93529

**Virtual Call In:** [Join the meeting now](#)  
Meeting ID: 213 218 941 027  
Passcode: DTqRLG  
Dial in by phone  
[+1 587-414-2460,,900948599#](#)  
[\(587\) 414-2460,,900948599#](#)  
Phone conference ID: 900 948 599#

In accordance with 18 CFR § 5.15(f) (which adopts the same process for the Initial Study Report in 18 CFR § 5.15(c)(2) through § 5.15(c)(7), within 15 days following the meeting, SCE will file the USR Meeting Summary with FERC. Any participant or FERC may file a disagreement on the USR Meeting Summary within 30 days. Responses to filings on the USR Meeting Summary are due 30 days later. The FERC Director, Office of Energy Projects, will resolve any disagreements and amend the approved study plan, as appropriate, no later than 30 days following the due date for responses. If no disagreements are filed, the meeting summary and any proposed amendments are deemed approved.

SCE looks forward to our continued work with FERC staff and relicensing participants on the Rush Creek Project relicensing. If you have any questions regarding this filing, please contact Matthew Woodhall, SCE Relicensing Project Manager, by phone at (909) 362-1764 or via email at [matthew.woodhall@sce.com](mailto:matthew.woodhall@sce.com).

Sincerely,

DocuSigned by:  
  
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Wayne P. Allen  
Principal Manager

### Attachments:

- Attachment A: Distribution List
- Attachment B: Technical Study Report Distribution Dates
- Attachment C: Technical Study Plan Implementation Summary

## **Attachment A – Distribution List**

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
Attachment A. Distribution List

Organization	Name/Title	Mailing Address	Email Address
<b>Federal/State/Local Agencies</b>			
Bonneville Power Administration	Scott Wilson, Account Executive	P.O. Box 3621 Portland, OR 97208-3621	skwilson@bpa.gov
Bureau of Indian Affairs	Amy Dutschke, Regional Director	2800 Cottage Way Sacramento, CA 95825	amy.dutschke@bia.gov
Bureau of Indian Affairs	Darryl LaCounte, Director	1849 C Street NW MS-2624 MIB Washington, DC 20240	Darryl.lacounte@bia.gov
Bureau of Reclamation	Pacific Northwest Region	1150 N Curtis Rd Boise, ID 83706-1234	pninfo@usbr.gov
Bureau of Reclamation	Ernest Conant, Regional Director, California-Great Basin	2800 Cottage Way Sacramento, CA 95825-1886	ECONANT@usbr.gov
California Conservation Corps	Bruce Saito, Director	1719 24th Street Sacramento, CA 95816-7114	Exec@ccc.ca.gov
California Conservation Corps	Angel Lizaola, Conservationist Supervisor	1824 Commerce Center Circle San Bernardino, CA 92408	angel.lizaola@ccc.ca.gov
California Conservation Corps	Kathleen Otermat		Kathleen.Otermat@conservation. ca.gov
California Department of Fish and Wildlife	Beth Lawson		Beth.Lawson@wildlife.ca.gov
California Department of Fish and Wildlife	Michael Tovar	CDFW- Inland Deserts Region 6 Habitat Conservation Program Supervisor 787 North Main Street Suite 220 Bishop, CA 93514	Michael.Tovar@Wildlife.ca.gov
California Department of Fish and Wildlife	Graham Meese	CDFW- Inland Deserts Region 6 Habitat Conservation Program Supervisor 787 North Main Street Suite 220 Bishop, CA 93514	Graham.Meese@Wildlife.ca.gov
California Department of Fish and Wildlife, Region 6	Patricia Moyer	787 North Main Street, Suite 220 Bishop, CA 93514	Patricia.Moyer@wildlife.ca.gov

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<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
California Department of Fish and Wildlife, Region 6	Nick Buckmaster	787 North Main Street, Suite 220 Bishop, CA 93514	Nick.Buckmaster@wildlife.ca.gov
California Department of Fish and Wildlife, Region 6	Brandy Wood	787 North Main Street, Suite 220 Bishop, CA 93514	brandy.wood@wildlife.ca.gov
California Department of Forestry & Fire Protection	Matthew Reischman	P.O. Box 944246 Sacramento, CA 94244-2460	matthew.reischman@fire.ca.gov
California Department of Parks and Recreation		P.O. Box 942896 Sacramento, CA 94296-0001	info@parks.ca.gov
California Department of Transportation	Clint Weier, CMAS	500 South Main Street Bishop, CA 93514-3423	clint.weier@dot.ca.gov
California Department of Water Resources	Director	P.O. Box 942836, Room 1115-1 Sacramento, CA 94236-0001	karla.nemeth@water.ca.gov
California Natural Resources Agency of California		Room 1311 1416 9th Street Sacramento, CA 95814-5511	secretary@resources.ca.gov
California Office of Attorney General		P.O. Box 944255 Sacramento, CA 94244-2550	agpressooffice@doj.ca.gov
California Office of Historic Preservation	Michael McGuirt		michael.mcguirt@parks.ca.gov
California Office of Historic Preservation	Brendon Greenaway		brendon.greenaway@parks.ca.gov
California State Lands Commission	Executive Officer	100 Howe Avenue, Suite 100 South Sacramento, CA 95825	Jennifer.Lucchesi@slc.ca.gov
California State Lands Commission	Lucinda Calvo, Senior Attorney		lucinda.calvo@slc.ca.gov
California State Water Resources Control Board	Parker Thaler	P.O. Box 100 Sacramento, CA 95812-0100	parker.thaler@waterboards.ca.gov
California State Water Resources Control Board	Rajaa Hassan	P.O. Box 100 Sacramento, CA 95812-0100	rajaa.hassan@waterboards.ca.gov

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<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
California State Water Resources Control Board	Dayne Kendrick		dayne.kendrick@waterboards.ca.gov
California State Water Resources Control Board	Garrett Long		Garrett.Long@Waterboards.ca.gov
California State Water Resources Control Board	Adam Cohen		adam.cohen@waterboards.ca.gov
Department of Safety of Dams	Andy Mangney, Field Branch Chief	2720 Gateway Oaks Drive, Suite 300 Sacramento, CA 95833	andy.mangney@water.ca.gov
Department of Safety of Dams	Bill Vogler, Senior Engineer	2720 Gateway Oaks Drive, Suite 300 Sacramento, CA 95833	william.vogler@water.ca.gov
Department of Safety of Dams	Shawn Jones, Assistant Division Chief	2720 Gateway Oaks Drive, Suite 300 Sacramento, CA 95833	shawn.jones@water.ca.gov
Federal Emergency Management Agency	Bob Fenton, Regional Administrator	1111 Broadway, Suite 1200 Oakland, CA 94607-4052	robert.fenton@fema.dhs.gov
Federal Energy Regulatory Commission	Chris Wang, Project Engineer		christopher.wang@ferc.gov
Federal Energy Regulatory Commission	Frank Blackett, SF Regional Engineer	100 1st St. San Francisco, CA, 94105	frank.blackett@ferc.gov
Federal Energy Regulatory Commission	Vinh Tran, SF Branch Engineer	100 1st St. San Francisco, CA, 94105	vinh.tran@ferc.gov
Federal Energy Regulatory Commission	Quinn Emmering		quinn.emmering@ferc.gov
Federal Energy Regulatory Commission	Frank Winchell	888 First Street, NE Washington, DC 20426	frank.winchell@ferc.gov
Federal Energy Regulatory Commission	Evan Williams		Evan.Williams@ferc.gov
Federal Energy Regulatory Commission	Ousmane Sidibe		Ousmane.Sidibe@ferc.gov
Federal Energy Regulatory Commission	Everard Baker		Everard.Baker@ferc.gov



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Imperial Irrigation District	Sergio Quiroz, Interim General Manager	P.O. Box 937 Imperial, CA 92251-0937	smquiroz@iid.com
Inyo County	Holly Alpert		halpert@inyocounty.us.
Inyo County Fish Commission	Pat Gunsolley		pgunsolley@gmail.com
Inyo County Supervisor, District 1	Trina Orrill	224 N. Edwards St. Independence, CA93526	torrill@inyocounty.us
Inyo County Supervisor, District 2	Jeff Griffiths	199 Edward Street Bishop, CA 93514	jgriffiths@inyocounty.us
Inyo County Supervisor, District 3	Rick Pucci	P.O. Box 128 Bishop, CA 93514	supervisor.pucci@gmail.com
Inyo-Mono Regional Water Management Program	Rick Kattelman, Project Development Specialist		rick@inyo-monowater.org
Los Angeles Department of Water & Power	Chad Lamacchia		chad.lamacchia@ladwp.com
Los Angeles Department of Water & Power	Adam Perez		adam.perez@ladwp.com
Los Angeles Department of Water & Power	Saeed Jorat		Saeed.Jorat@ladwp.com
Los Angeles Department of Water & Power	David M. Livingston	300 Mandich Street Bishop, CA 93514-2629	david.livingston@ladwp.com
Los Angeles Department of Water & Power	Eric Tillemans	301 Mandich Lane Bishop, CA 93514	eric.tillemans@ladwp.com
Mono County	Shannon Kendall, Clerk of the Board	P.O. Box 715 Bridgeport, CA 93517	BOS@mono.ca.gov
Mono County	Emily Fox, Deputy County Counsel	4457 Highway 158 PO 303 June Lake, CA 93529	efox@mono.ca.gov
Mono County	Brent Calloway		bcalloway@mono.ca.gov

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<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
Mono County Supervisor, District 3	Paul McFarland	Mono County 1290 Tavern Road PO Box 7657 Mammoth Lakes, CA 93546	pmcfarland395@gmail.com
Mono County, Community Development Department	Wendy Sugimura, Community Development Department Director	P.O. Box 347 Mammoth Lakes, CA 93546	wsugimura@mono.ca.gov
Mono County, Fish and Wildlife Commission	Gaye Mueller, Chair		easternsierraartist@gmail.com
Mono County, Fish and Wildlife Commission	Jim King, Vice Chair		jkrcldr@gmail.com
Mono County, Sheriff's Department	Ingrid Braun, Sheriff	49 Bryant Street Bridgeport, CA 93517	ibraun@monosheriff.org
National Park Service	Catherine Brown		catherine_brown@nps.gov
National Park Service	Barbara Rice		barbara_rice@nps.gov
NOAA National Marine Fisheries Service	Nancy Foster	439 West York Street Norfolk, VA 23510-1145	NOAA.Ship.Nancy.Foster@noaa.gov
NOAA NWS Reno	Tim Bardsley		tim.bardsley@noaa.gov
Office of Planning and Research	Abby Edwards		Abby.Edwards@opr.ca.gov
Office of Planning and Research	Miguel Navarrete		Miguel.Navarrete@opr.ca.gov
Regional Water Quality Control Board, Lahontan Region	Ed Hancock	2501 Lake Tahoe Blvd South Lake Tahoe, CA 96150	ed.hancock@waterboards.ca.gov
Regional Water Quality Control Board, Lahontan Region	Jennifer Watts	2501 Lake Tahoe Blvd South Lake Tahoe, CA 96150	jennifer.watts@waterboards.ca.gov
Tuolumne County Planning Division	Brian Bell	48 Yaney Avenue Sonora, CA 95370	bbell@co.tuolumne.ca.us
US Army Corps of Engineers	Director	1849 C Street NW Room 3238 Washington, DC 20240-0001	hq-publicaffairs@usace.army.mil

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US Army Corps of Engineers, Los Angeles District	Public Affairs	915 Wilshire Blvd, Suite 930 Loca Angeles, CA 90017	publicaffairs.spl@usace.army.mil
US Army Corps of Engineers, Sacramento District	William Ness	1325 J Street Sacramento, CA 95814-2928	william.w.ness@usace.army.mil
US Army Corps of Engineers, San Francisco District	LTC John K. Baker, District Commander	1455 Market Street, #1760 San Francisco, CA 94103	cespn-regulatory-info@usace.army.mil
US Fish and Wildlife Service	Thomas Dietsch, PhD	Migratory Bird Biologist US Fish and Wildlife Service, Region 8 Carlsbad Fish and Wildlife Office 2177 Salk Ave, Suite 250 Carlsbad, CA 92008	thomas_dietsch@fws.gov
US Fish and Wildlife Service	Anne Mankowski		anne_mankowski@fws.gov
US Fish and Wildlife Service	Marcy Haworth		marcy_haworth@fws.gov
US Fish and Wildlife Service - Reno Fish and Wildlife Office	Chad Mellison	1340 Financial Blvd, Ste 234 Reno, NV 89502-7147	RFWOmail@fws.gov
US Forest Service	Courtney Rowe, Resource & Planning Staff Officer		courtney.rowe@usda.gov
US Forest Service	Jon Knight, Botanist		jonathan.knight@usda.gov
US Forest Service	Mary Meagher, Botanist		mary.meagher@usda.gov
US Forest Service	Randy Moore, Chief of the U.S. Department of Agriculture's Forest Service		randy.moore@usda.gov
US Forest Service, Inyo National Forest, Mono Lake Ranger District	Adam Barnett, Public Services Staff Officer	351 Pacu Ln Suite 200 Bishop, CA 93514	adam.barnett@usda.gov
US Forest Service, Region 5	Tristan Leong, Hydroelectric Coordinator (RHAT)	Forest Service Region 5 Public Services RHAT 1323 Club Drive Vallejo, CA 94592	Tristan.Leong@usda.gov

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
 Attachment A. Distribution List

Organization	Name/Title	Mailing Address	Email Address
US Forest Service, Region 5	Dawn Alvarez, Program Manager, Regional Hydropower Assistance Team	Forest Service Region 5 Public Services RHAT 1323 Club Drive Vallejo, CA 94592	dawn.alvarez@usda.gov
US Forest Service, Region 5	Jacqueline Beidl, Archaeologist	351 Pacu Ln Suite 200 Bishop, CA 93514	Jacqueline.beidl@usda.gov
US Forest Service, Region 5	Wilfred Nabahe, Tribal Relations Program Manager	351 Pacu Ln Suite 200 Bishop, CA 93514	Wilfred.Nabahe@usda.gov
US Forest Service, Region 5	Ashley Blythe Haverstock, Archaeologist	351 Pacu Ln Suite 200 Bishop, CA 93514	ashley.blythehaverstock@usda.gov
US Forest Service, Region 5	Todd Ellsworth, Water Program	351 Pacu Ln Suite 200 Bishop, CA 93514	todd.ellsworth@usda.gov
US Forest Service, Region 5	Dan Yarborough, Geospatial Program Mgt	351 Pacu Ln Suite 200 Bishop, CA 93514	daniel.yarborough@usda.gov
US Forest Service, Region 5	Jameisha Washington, Recreation Officer		Jameisha.washington@usda.gov
US Forest Service, Region 5	Tristan Leong		tristan.leong@usda.gov
US Forest Service, Region 5	Andrew Lyons-Gould		andrew.lyons-gould@usda.gov
US Forest Service, Region 5	Nathan Sill, Biologist		nathan.sill@usda.gov
US Forest Service, Region 5	Thomas Torres, Supervisor		thomas.torres@usda.gov
US Forest Service, Region 5	Sheila Irons, Forest Lands Specialist	P.O. Box 148 Mammoth Lakes, CA 93546	sheila.irons@usda.gov
US Forest Service, Region 5	Stephanie Heller, Restoration Hydrologist		stephanie.heller@usda.gov
US Forest Service, Region 5	Michael Wiese	507 E Line Street D Bishop, Ca 93514	michael.wiese@usda.gov
US Geological Survey	Eric Reichard, Acting Regional Director	345 Middlefield Road Menlo Park, CA 94025	egreich@usgs.gov

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Attachment A. Distribution List

Organization	Name/Title	Mailing Address	Email Address
Yosemite National Park	Superintendent	P.O. Box 577 Yosemite National Park, CA 95389	cicely_muldoon@nps.gov
<b>Native American Tribes and Tribal Groups</b>			
American Indian Council of Mariposa County (S. Sierra Miwuk National)	Sandra Chapman, Chairwoman	P.O. Box 186 Mariposa, CA 95338	ssmiwuknation@gmail.com sandra47roy@gmail.com
American Indian Council of Mariposa County (S. Sierra Miwuk National)	Wylon Coats, Vice Chairperson	P.O. Box 186 Mariposa, CA 95338	Vicechair@southernsierramiwuknation.org
American Indian Council of Mariposa County (S. Sierra Miwuk National)	Jazzmyn Gegere (Brochini) Cultural Resource Preservation Department Manager and Tribal Monitor Coordinator		preservation@southernsierramiwuknation.org
Antelope Valley Indian Community, Coville Paiute Tribe	Georgia Grace		
Antelope Valley Indian Community, Coville Paiute Tribe	Chairperson or Tribal Administrator		
Big Pine Paiute Tribe of Owens Valley	Danelle Gutierrez, Tribal Historic Preservation Officer	P.O. Box 700 Big Pine, CA 93513	d.gutierrez@bigpinepaiute.org
Big Pine Paiute Tribe of Owens Valley	Sally Manning, Environmental Director	P.O. Box 700 Big Pine, CA 93513	s.manning@bigpinepaiute.org
Bishop Paiute Tribe	Steven Orihuela	50 Tu Su Lane Bishop, CA 93514	steven.orihuela@bishoppaiute.org
Bishop Paiute Tribe	Tilford Denver, Tribal Chair	50 Tu Su Lane Bishop, CA 93514	tilford.denver@bishoppaiute.org
Bishop Paiute Tribe	Brian Poncho, Tribal Historic Preservation Officer	50 Tu Su Lane Bishop, CA 93514	brian.poncho@bishoppaiute.org
Bishop Paiute Tribe	Meryl Picard, Chairperson		meryl.picard@bishoppaiute.org
Bishop Paiute Tribe	Darren Delgado, Tribal Historic Preservation Officer		darren.delgado@bishoppaiute.org

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Attachment A. Distribution List

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Bishop Paiute Tribe	Raymond Andrews		kutzanuumu@yahoo.com
Bridgeport Paiute Indian Colony	Tribal Administrator	P.O. Box 37 Bridgeport, CA 93517	admin@bridgeportindiancolony.com
Bridgeport Paiute Indian Colony	Debbie Lundy-Painter, Culture Coordinator	P.O. Box 37 Bridgeport, CA 93517	culture@bridgeportindiancolony.com
Bridgeport Paiute Indian Colony	Herbert Glazier, Chairperson	P.O. Box 37 Bridgeport, CA 93517	chair@bridgeportindiancolony.com
Death Valley Timbisha Shoshone Tribe	Margaret Cortez, Chairperson	621 W Line St., Suite 109 Bishop, CA 93514	one_mug@yahoo.com
Death Valley Timbisha Shoshone Tribe	Thomas Romero, Environmental Department	621 W Line St., Suite 109 Bishop, CA 93514	environmental@timbisha.com
Death Valley Timbisha Shoshone Tribe	Mandi Campbell, THPO	621 W Line St., Suite 109 Bishop, CA 93514	THPO@timbisha.com
Death Valley Timbisha Shoshone Tribe	Sookaaki (Charlie) Charley, Tribal Administrator/Acting THPO	621 W Line St., Suite 109 Bishop, CA 93514	administrator@timbisha.com
Fort Independence Indian Community of Paiute Indians	Carl Dahlberg, Chairperson	P.O. Box 67 Independence, CA 93526	businesscommittee@fortindependence.com
Fort Independence Indian Community of Paiute Indians	Sean Scruggs, THPO	P.O. Box 67 Independence, CA 93526	thpo@fortindependence.com; falconkeeper22@gmail.com
Lone Pine Paiute-Shoshone Tribe	Katherine Bancroft, THPO	P.O. Box 40 Lone Pine, CA 93545	patsiata@yahoo.com
Lone Pine Paiute-Shoshone Tribe	Mary Weuster, Chairperson	P.O. Box 747 Lone Pine, CA 93545	chair@lppsr.org
Mono Lake Kutzadikaa Indian Community Cultural Preservation Association	Raymond Andrews, President	P.O. Box 591 Bishop, CA 93515	kutzanuumu@yahoo.com
Mono Lake Kutzadikaa Tribe	Charlotte Lange, Chairperson	P.O. Box 117 Big Pine, CA 93513	char54lange@gmail.com

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<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
Mono Lake Kutzadikaa Tribe	Jocelyn Sheltraw, President of Mono Lake Kudadika'a Indian Community Cultural Preservation Association		jsheltraw@monolaketribe.us
Mono Lake Kutzadikaa Tribe	Dean Tonenna, Vice President of Mono Lake Kudadika'a Indian Community Cultural Preservation Association		dtonenna@gmail.com
Mono Lake Kutzadikaa Tribe	Angela Eddy	884 Harry Street Big Pine, CA 93513	mono1paiute@gmail.com
North Fork Mono Tribe	Ron Goode, Chairman	13396 Tollhouse Road Clovis, CA 93619	rwgoode911@hotmail.com
North Fork Rancheria of Mono Indians	Fred Beihn, Chairperson		fbeihn@nfr-nsn.gov
North Fork Rancheria of Mono Indians	Christina McDonald, Vice Chairperson		cmcdonald@northforkrancheria-nsn.gov
North Fork Rancheria of Mono Indians of California	Christina McDonald, Environmental Director	P.O. Box 869 North Fork, CA 93643	cmcdonald@northforkrancheria-nsn.gov
North Fork Rancheria of Mono Indians of California	Elaine Fink, Tribal Chair	P.O. Box 869 North Fork, CA 93643	efink@nfr-nsn.gov
Timbisha Shoshone Tribe	George Gholson, Tribal Chairman	621 West Line St., Suite 109 Bishop, CA 93515	george@timbisha.com
Timbisha Shoshone Tribe	Mandi Campbell, Tribal Historic Preservation Officer		thpo@timbisha.com
Tuolumne Band of Me-Wuk Indians	Kat Cantrell		kcantrell@mewuk.com
Tuolumne Band of Me-Wuk Indians	Jon Otterson, Tribal Administrator	P.O. Box 669 Tuolumne, CA 95379	jon@mewuk.com
Tuolumne Band of Me-Wuk Indians	Reba Fuller, Government Affairs Specialist	P.O. Box 669 Tuolumne, CA 95379	rfuller@mewuk.com

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
Attachment A. Distribution List

<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
Tuolumne Band of Me-Wuk Indians of the Tuolumne Rancheria of California	Andrea Reich, Chairperson		andrea@mewuk.com
Utu Utu Gwaitu Paiute Tribe Benton Paiute Reservation	Shane Saulque, Tribal Chairperson (INT) and Vice Chair	25669 Highway 6 PMBI Benton, CA 93512	shanesaulque@hotmail.com
Utu Utu Gwaitu Paiute Tribe Benton Paiute Reservation	Sheri Saulque, Secretary/Treasurer	25669 Highway 6 PMBI Benton, CA 93512	sherisaulque4069@gmail.com
Utu Utu Gwaitu Paiute Tribe Benton Paiute Reservation	Dennis G. Chappabitty, Attorney at Law	25669 Highway 6 PMBI Benton, CA 93512	dennis@chaplaw.us
Walker River Paiute Tribe	Amber Torres, Chairperson	P.O. Box 220 Schurz, NV 89427	chairman@wrpt.org
Walker River Paiute Tribe	Linzey Scott, Tribal Historic Preservation Officer		Lscott@wrpt.org
Yosemite-Mono Lake Paiute Indian Community	Lucy Parker, Representative		lucy_basket4@yahoo.com
Yosemite-Mono Lake Paiute Indian Community	Melvin Bewster, Representative		nativearchdoc@yahoo.com
Yosemite-Mono Lake Paiute Indian Community	David Andrews, Representative	P.O. Box 163523 Sacramento, CA 95816	nayanake@comcast.net
<b>Non-Governmental Organizations and Other Interested Parties</b>			
Access Fund	Katie Goodwin	54880 Highway 395 Lee Vining, CA 93541	katie@accessfund.org
American Rivers	Meghan Quinn	1813 Minniconjou Drive South Lake Tahoe, California 96150	mquinn@americanrivers.org
American Whitewater	Theresa Simsiman, Regional Coordinator		Theresa@americanwhitewater.org
Braveheart		P.O. Box 1625 Bishop, CA 93515	



Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
 Attachment A. Distribution List

<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
California HydroPower Reform Coalition	Kelly Catlett, Associate Western States Director	2340 Brisbane Street West Sacramento, CA 95691	kelly@hydroreform.org
California Sportfishing Protection Alliance	Chris Shutes, FERC Projects Director	1608 Francisco Street Berkeley, CA 94703	blancapaloma@msn.com
California Trout	Curtis Knight, General Contact	P.O. Box 3442 Mammoth Lakes, CA 93546	Cknight@caltrout.org
California Trout	Sandra Jacobson, Sierra Headwaters Projects		Sjacobson@caltrout.org
California Trout	Marrina Nation		mnation@caltrout.org
Cardinal Village Resort		321 Cardinal Road Bishop, CA 93514	info@cardinalvillageresort.com
Double Eagle Resort	Ralph Lockhart, Owner	P.O. Box 731 B-736 June Lake, CA 93529	rlockhart@doubleeagle.com
East Shore Silver Lake Improvement Association (ESSLIA)	Mark Shoemaker, President	32151 River Island Drive Springville, CA 93265	shoemaker.mark@ymail.com
East Shore Silver Lake Improvement Association (ESSLIA)	Don Goffinet, Treasurer	801 Allardice Way Stanford, CA 94305	goff@stanford.edu
East Shore Silver Lake Improvement Association (ESSLIA)	Ann Marie Mahoney	8 Cresta Del Sol San Clemente, CA	annmarie.mahoney@icloud.com
East Shore Silver Lake Improvement Association (ESSLIA)	Jil Stark, Executive Vice President	890 East Harrison Avenue Pomona, CA 91767-2003	stark@fairplex.com
East Shore Silver Lake Improvement Association (ESSLIA)			mshoemaker@1stallied.com
East Shore Silver Lake Improvement Association (ESSLIA)	Daniel Mazmanian		mazmania@usc.edu

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
Attachment A. Distribution List

<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
East Shore Silver Lake Improvement Association (ESSLIA)	Jim Mahoney	8 Cresta Del Sol San Clemente, CA	jrmfinfree@aol.com
East Shore Silver Lake Improvement Association (ESSLIA)	Jim Ireton	1803 La Cima San Clemente, CA 92672	jimireton@cox.net
East Shore Silver Lake Improvement Association (ESSLIA)	Linda Coffin		linda@traveloe.com
East Shore Silver Lake Improvement Association (ESSLIA)	Steve Handy		shandyman58@gmail.com
East Shore Silver Lake Improvement Association (ESSLIA)	Roger Getts		roger.getts@pattondist.com
East Shore Silver Lake Improvement Association (ESSLIA)	Donald Getts		gettsd@sbcglobal.net
Eastern Sierra Audubon Society	Hillary Behr, President	P.O. Box 624 Bishop, CA 93515	president@esaudubon.org
Eastern Sierra Packers Association; Frontier Pack Train (Summer)		P.O. Box 656 June Lake, CA 93529	frontierpacktrain@gmail.com
Eastern Sierra Packers Association; Frontier Pack Train (Winter)		2095 Van Loon Lane Bishop, CA 93514	frontierpacktrain@gmail.com
Friends of Mono Lake Reserve		P.O. Box 278 Bridgeport, CA 93517	FOMLR@bodiefoundation.org
Friends of Silver Lake	John Wilt	10363 Sportsman Court Rancho Cordova, CA 95670	jjwilt37@gmail.com
Friends of the Inyo	Ellen Wehr		eltrescott@hotmail.com

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
Attachment A. Distribution List

<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
Friends of the Inyo	Wendy Schneider	819 North Barlow Bishop, CA 93514	wendy@friendsoftheinyo.org
Friends of the Inyo	Allison Weber, Forest and Water Campaigns Manager	748 Fairway Cir, Mammoth Lakes, CA 93546	allison@friendsoftheinyo.org
Friends of the Inyo	Jora Fogg/ Jora Rehm-Lorber		jora.rehm.lorber@gmail.com
Friends of the River	Executive Director	1418 20th Street, Suite 100 Sacramento, CA 95811	janndorman@friendsoftheriver.org
Friends of the River	Ron Stork		Rstork@friendsoftheriver.org
Frontier Pack Train	Kent Dohnel	2095 Van loon In Bishop CA	frontierpacktrain@gmail.com
Grant Lake Reservoir Marina	Doug Smith	P.O. Box 21 June Lake, CA 93529	Dsmith@rossignol.com
Grant Lake Resort	Tony Hallum	1 Grant Lake Resort P.O. Box 627 June Lake, CA 93529	management@grantlakeresort.com
Hydropower Reform	Sarah Lillie, Associate Director	1101 14th Street NW, Suite 1400 Washington DC 20005	sarah@hydroreform.org
Inyo-Mono Resource Conservation District	Hal Curti, President	270 North See Vee Lane #6 Bishop, CA 93514-9624	hal@curtiranch.com
June Lake Brewing Company	Sarah Walsh	PO Box 600, June Lake, CA 93529	sarah@junelakebrewing.com
June Lake Loop Chamber of Commerce		P.O. Box 2 June Lake, CA 93529	
June Lake Loop Historical Society		P.O. Box 104 June Lake, CA 93529	
June Lake Motel	Lisa Oepkes	2716 California 158 June Lake, CA	Reservations@JuneLakeMotel.com
Lake Front Cabins	L Nealand	32 Brenner Street June Lake, CA 93529	info@summit-vacations.com

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
 Attachment A. Distribution List

<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
Lee Vining Chamber of Commerce		P.O. Box 131 Lee Vining, CA 93541	INFO@MONOLAKE.ORG
Mammoth Lakes Chamber of Commerce	Ken Brengle, Executive Director	P.O. Box 3268 2520 Main Street Mammoth Lakes, CA 93546	info@mammothlakeschamber.org
Michael K. Lerch & Associates	Mike Lerch	319 Clanton Way Woodland, CA 95695	mlerch.mkla@gmail.com
Mono Basin Historical Society			curator@monobasinhistory.org
Mono Basin Scenic Area Visitor Center		1 Visitor Center Drive Lee Vining, CA 93541	
Mono Lake Committee	Geoff McQuilkin, Executive Director		geoff@monolake.org
Mono Lake Committee	Bartshe Miller, Eastern Sierra Policy Director	P.O. Box 29 Lee Vining, CA 93541	bartshe@monolake.org
Mono Lake Committee	Greg Reis, Information and Restoration Specialist	P.O. Box 161 San Geronimo, CA 94963	greg@monolake.org
Mono Lake Committee	Robert Di Paolo (he/him), Restoration Field Technician	Hwy 395 at Third Street P.O. Box 29 Lee Vining, CA 93541	robbie@monolake.org
Mono Lake Committee	Teri Tracy	P.O. Box 29 Corner of Hwy 395 & 3rd Street Lee Vining , California 93541	ttracy@monolake.org
Northern California Power Agency	Sondra Ainsworth, Treasurer - Controller	651 Commerce Drive Roseville, CA 95678-6411	sondra.ainsworth@ncpa.com
Owens Valley Committee	Mary Roper	P.O. Box 77 Bishop, CA 93515	maryroper51@gmail.com
People for Mono Basin Preservation	Kathleen Maloney Bellomo	P.O. Box 217 Lee Vining, CA 93541	hydroesq@schat.net
Planning and Conservation League	Howard Penn, Executive Director	1107 Ninth St., Suite 360 Sacramento, CA 95814	pclmail@pcl.org

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
Attachment A. Distribution List

<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
Rainbow Pack Outfitters	Greg and Ruby Allen and Family	P.O. Box 1791 Bishop, CA 93515	rainbowpackers@aol.com
Reverse Creek Lodge	David Naader	52 S. Texas Street June Lake, CA 93529	reverse@qnet.com
Saddlebag Lake Resort / Tioga Pass Resort LLC		P.O. Box 303 Lee Vining, CA 93541	saddlebaglake@gmail.com
Sierra Business Council	Steve Frisch, President	10183 Truckee Airport Road #202 Truckee, CA 96161	sfrisch@sierrabusiness.org
Sierra Club, Toiyabe Chapter		2101 Webster St., Suite 1300 Oakland, CA 94612	chair@toiyabe.sierraclub.org
Sierra Nevada Alliance	Jenny Hatch, Executive Director	P.O. Box 7989 South Lake Tahoe, CA 96158	jenny@sierranevadaalliance.org
Sierra Nevada Big Horn Sheep Foundation	John Wehausen, Executive Director	P.O. Box 1183 Bishop, CA 93515	
Silver Lake Resort	Andrew Jones	P.O. Box 116 6857 CA-158 June Lake, CA 93529	silverlakeresortfamily@hotmail.com
Silver Lake Resort	Gary Jones	P.O. Box 116 6857 CA-158 June Lake, CA 93529	silverlakeresortfamily@hotmail.com
Silver Lake Resort	Richard Yokovanderpool	P.O. Box 116 6857 CA-158 June Lake, CA 93529	silverlakeresortfamily@hotmail.com
Southern Mono Historical Society		5489 Sherwin Creek Road Mammoth Lakes, CA 93546	info@mammothmuseum.org
SouthWestern Power Group	David Getts, General Manager	3610 N. 44th Street Phoenix, AZ 85018	dgetts@southwesternpower.com
TEAM Environmental	Naomi Jensen	459 W. Line Street, Suite A Bishop, CA 93514	naomi@teambishop.com
The Nature Conservancy, California Field Office		201 Mission Street 4th Floor San Francisco, CA 94105	california@tnc.org

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
Attachment A. Distribution List

Organization	Name/Title	Mailing Address	Email Address
Tioga Lodge at Mono Lake		P.O. Box 580 Lee Vining, CA 93541	tiogalodge@gmail.com
Tioga Pass Resort		1887 Highway 120 Lee Vining, CA 93541	tiogapassresortllc@gmail.com
Trout Unlimited	Tiffanee Hutton	15695 Donner Pass Road Suite 100 Truckee, CA 96161	tiffanee.hutton@tu.org
Trout Unlimited, Eastern Sierra Chapter	Jessica Strickland, California Field Coordinator	P.O. Box 7399 Mammoth Lakes, CA 93546	jstrickland@tu.org
Wildlife Conservation Board	Executive Director	1416 9th Street Sacramento, CA 95814-5511	mary.ahern@wildlife.ca.gov
<b>Public</b>			
KG Consulting	Kate Kelly		kate@kgconsulting.net
Public	Bartshe Miller	Mono County	bzashe@gmail.com
Public	Bill Egan		gardenofegan@suddenlink.net
Public	Carolyn and Ed Escoto		beach2june@yahoo.com
Public	Dan McConnell		danmcconnell55@gmail.com
Public	David Rosky	88 Mt. View Lane June Lake, CA 93529	dave.rosky@gmail.com
Public	Dennis Boeher	Box 626	plm2pne@gmail.com
Public	Dorothy Burdette	891 Mono Drive June Lake, CA 93529	dodoburdette@gmail.com
Public	Duncan King	P.O. Box 235 200 Peeler Lake Drive Lee Vining, CA 93541	nosmog@yahoo.com
Public	Eric Badger	122 Nevada Street June Lake, CA 93529	badger_eric@yahoo.com
Public	Harvey Lewis	P.O. Box 296 June Lake, CA 93529	

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
 Attachment A. Distribution List

<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
Public	Ian Festers		ian@mechdc.com
Public	Kevin Bundy	396 Hayes Street San Francisco, CA 94102	bundy@smwlaw.com
Public	Igot Vorobyoff	35 Silver Meadow Lane June Lake, CA 93529	igorthe5th@gmail.com
Public	Joe Crawford	94 Bay Street June Lake, CA 93529	joecrawford815@gmail.com
Public	Sarah Crawford	94 Bay Drive June Lake, CA 93529	sarahholston1216@gmail.com
Public	Joyce Kaufman, Bob Marks	660 Piute Drive June Lake, CA 93529	jkaufman@whittier.edu
Public	Judy Erb		dnjerb@gmail.com
Public	Karen Gardner	56 Nevada Street June Lake, CA 93529	bkakn1@gmail.com
Public	Peter Strickells	210 Zach Ranch Road Bishop, CA 93514	pstickells@gmail.com
Public	Philip Anaya	2348 Longview Drive Bishop, CA 93514	Philipana@aol.com
Public	Sue Burak	1335 Rocking W Drive PMB 130 Bishop, CA 93514	sb@snowhydrology.com
Public	Kevin Larsen	P.O. Box 426 100 Bruce Street June Lake, CA 93529	kevintlarsen@gmail.com
Public	Robert Nailon	2454 Grimes Cemetery Road Lufkin, TX 75901	Robert_Nailon@aol.com
Public	Jeff Yanez		jeffrobyn22@gmail.com
Public	Andrew Zdon		azdon@rouxinc.com
Public	Justin Dohnel		frontierpacktrain@gmail.com
Public	Paul McFarland		pmcfarland395@gmail.com

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
Attachment A. Distribution List

<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
Public	Terry Plum		
Public	Jora Fogg		jora.rehm.lorber@gmail.com
Public	Robert Marks, Professor Emeritus	660 Piute Drive P.O. Box 671 June Lake, CA 93529	rmarks1949@iCloud.com
Public	Ed Escoto		edbuilt@gmail.com
Public	Michael P. Cohen	P.O. Box 314 June Lake, CA 93529	mpcohen0713@gmail.com
Public, Attorney	Greg James, Attorney	1839 Shoshone Drive Bishop, CA 93514	gregjames@earthlink.net
Roux Associates, Inc.	Rachel Maxwell		ramaxwell@rouxinc.com
KG Consulting	Kate Kelly		kate@kgconsulting.net
Public	Bartshe Miller		bzashe@gmail.com
Public	Bill Egan		gardenofegan@suddenlink.net
Public	Carolyn and Ed Escoto		beach2june@yahoo.com
<b>Southern California Edison Company (SCE) and Consultants to SCE</b>			
Southern California Edison Company	FERC Case Administration	2244 Walnut Grove Avenue Rosemead, CA 91770	ferccaseadmin@sce.com
Southern California Edison Company	Cornelio Artienda	2244 Walnut Grove Avenue Rosemead, CA 91770	Cornelio.Artienda@sce.com
Southern California Edison Company	Kelly Henderson	2244 Walnut Grove Avenue Rosemead, CA 91770	kelly.henderson@sce.com
Southern California Edison Company	Jessica Rankin	2244 Walnut Grove Avenue Rosemead, CA 91770	jessica.rankin@sce.com
Southern California Edison Company	Martin Ostendorf	P.O. Box 100 Big Creek, CA 93605-0101	martin.ostendorf@sce.com
Southern California Edison Company	Mary Richardson	25 S Oak Knoll Avenue, Apt. 209 Pasadena, CA 91101	mary.m.richardson@sce.com



Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
 Attachment A. Distribution List

<b>Organization</b>	<b>Name/Title</b>	<b>Mailing Address</b>	<b>Email Address</b>
Southern California Edison Company	Mary Schickling	1 Pebbly Beach Road Avalon, CA 90704	mary.schickling@sce.com
Southern California Edison Company	Nicolas von Gersdorff	2244 Walnut Grove Avenue Rosemead, CA 91770	nicolas.von@sce.com
Southern California Edison Company	Patrick Le	2244 Walnut Grove Avenue Rosemead, CA 91770	patrick.le@sce.com
Southern California Edison Company	Wayne Allen	2244 Walnut Grove Avenue Rosemead, CA 91770	wayne.allen@sce.com
Southern California Edison Company	Matthew Woodhall	2244 Walnut Grove Avenue Rosemead, CA 91770	Matthew.Woodhall@sce.com
Southern California Edison Company	Calvin Rossi		calvin.rossi@sce.com
Southern California Edison Company	Seth Carr		seth.carr@sce.com
Southern California Edison Company	Lyle Laven		lyle.laven@sce.com
Southern California Edison Company	Audry Williams		audry.williams@sce.com
Southern California Edison Company	Matthew C Paruolo		matthew.paruolo@sce.com
Southern California Edison Company	Brittany Arnold	P.O. Box 527 Avalon, CA 90704	brittany.arnold@sce.com
Southern California Edison Company	Daniel Keverline		Daniel.Keverline@sce.com
Troutman Pepper (outside counsel)	Charles Sensiba (Chuck)		charles.sensiba@troutman.com
Troutman Pepper (outside counsel)	Elizabeth McCormick		elizabeth.mccormick@troutman.com
Consultant	Jennifer Hammond		jennifer.hammond@stantec.com

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
Attachment A. Distribution List

Organization	Name/Title	Mailing Address	Email Address
Consultant	Julie Smith		julie.smith@stantec.com
Consultant	Patricia Sussman		patricia.sussman@stantec.com
Consultant	Patrick Kester		patrick.kester@cardno-gs.com
Consultant	Kelleigh Crowe		kelleigh.crowe@stantec.com
Consultant	Craig Addley		craig.addley@kleinschmidtgroup.com
Consultant	Robyn Smith		robyn@JNA-Consulting.com
Consultant	Sara Reece		Sara@JNA-Consulting.com
Consultant	Janelle Nolan		janelle@JNA-consulting.com

# **Attachment B – Technical Study Report Distribution Dates**

Rush Creek Project (FERC Project No. 1389-059), 2024 Updated Study Report  
 Attachment B. Technical Study Report Distribution Dates

Technical Study Report <sup>1</sup>	Technical Working Group (TWG) Distribution Date	Revised TSR Distribution Date	
		DLA: August 28, 2024	FLA: January 2025
<b>Aquatic Resources</b>			
AQ 1 – Instream Flow <sup>2</sup>	Part 1: April 24, 2024	Parts 1 & 2	Parts 1, 2 & 3
AQ 2 – Hydrology	April 26, 2024	X	X
AQ 3 – Water Temperature	March 26, 2024	X	X
AQ 4 – Water Quality <sup>2</sup>	March 4, 2024	X	X
AQ 5 – Geomorphology <sup>2</sup>	Part A: April 9, 2024	Parts A & B	Parts A, B & C
AQ 6 – Fish Population and Barriers <sup>2</sup>	February 29, 2024	X	X
AQ 7 – Special-status Amphibians <sup>2</sup>	February 29, 2024	X	X
<b>Cultural Resources</b>			
CUL 1 – Built Environment	—	—	X
CUL 2 – Archaeology	—	—	X
TRI 1 – Tribal Resources	—	—	X
<b>Land Resources</b>			
LAND 1 – Aesthetics <sup>2</sup>	April 1, 2024	X	X
LAND 2 – Noise <sup>2</sup>	March 11, 2024	X	X
<b>Recreation Resources</b>			
REC 1 – Recreation	February 29, 2024	X	X
<b>Terrestrial Resources</b>			
TERR 1 – Botanical Resources	March 29, 2024	X	X
TERR 2 – Wildlife Resources <sup>2</sup>	March 4, 2024	X	X
<b>Environmental Justice</b>			
EJ 1 – Environmental Justice	March 11, 2024	X	X
<b>Full Decommissioning</b>			
DEC 1 – Full Decommissioning <sup>2</sup>	Phase 1: April 1, 2024	X	Phases 1 & 2

Notes:

- 1 SCE filed a Draft License Application (DLA) for the Project with FERC on August 28, 2024. Supporting Document A (SD A) of the DLA includes TSRs that document results of the studies implemented for the Project relicensing. TSRs distributed prior to the Draft License Application (DLA) were distributed to the relevant Technical Working Group (TWG) for a 90-day comment period; a TSR addressing stakeholder comments, as applicable, is included in SD A of the DLA.
- 2 Not all study elements were able to be completed during the 2023 field season. As a result, outstanding study elements were completed in the 2024 field season. Data collected during the 2024 field season will supplement the data in applicable existing Draft TSRs and be included in the TSRs filed with the FLA.

Key: DLA = Draft License Application; FLA = Final License Application

# **Attachment C – Technical Study Plan Implementation Summary**

This attachment summarizes the status of implementation of each of the 17 TSP for the Rush Creek Project as of early October 2024. Each study is categorized as follows:

- **Complete:** These studies are complete; there are no outstanding study elements.
- **Outstanding Study Element:** These studies have (1) outstanding elements to be completed, or (2) outstanding elements to be reported based on field data gathered in 2024.
- **Variance:** These studies have a variance from the FERC-approved TSP. A variance is a change from the TSP plan or schedule due to changed circumstances, field conditions, or other factors during the implementation of the FERC-approved TSP methods.

SCE made no modifications to any FERC-approved study plan, and therefore none of the studies are identified as modified.

Technical Study	Complete	Outstanding Study Element	Variance
AQ 1 – Instream Flow		X	
AQ 2 – Hydrology	X		
AQ 3 – Water Temperature	X		
AQ 4 – Water Quality		X	X
AQ 5 – Geomorphology		X	
AQ 6 – Fish Population and Barriers		X	
AQ 7 – Special-status Amphibians		X	
CUL 1 – Built Environment		X	
CUL 2 – Archaeology		X	
TRI 1 – Tribal Resources		X	
LAND 1 – Aesthetics		X	X
LAND 2 – Noise		X	
REC 1 – Recreation	X		X
TERR 1 – Botanical Resources	X		
TERR 2 – Wildlife Resources		X	
EJ 1 – Environmental Justice	X		
DEC 1 – Full Decommissioning		X	

## **COMPLETE**

The following studies are complete:

- AQ 2 – Hydrology
- AQ 3 – Water Temperature
- REC 1 – Recreation
- TERR 1 – Botanical Resources
- EJ 1 – Environmental Justice

## **OUTSTANDING STUDY ELEMENTS TO BE COMPLETED AND/OR REPORTED BASED ON 2024 FIELD DATA**

The following studies have (1) outstanding elements to be completed, or (2) outstanding elements to be reported based on field data gathered in 2024.

### **OUTSTANDING STUDY ELEMENT TO BE COMPLETED**

The cultural and Tribal resource studies consist of: CUL 1 – Built Environment TSP; CUL 2 – Archaeology TSP, and TRI 1 – Tribal Resources TSP. These studies have the following outstanding study elements to be completed:

### **Consultation and Concurrence**

The reporting element of the cultural and Tribal TSPs was not completed in time for TSRs to be filed with the DLA due to consultation and concurrence requirements from various agencies. Draft cultural and Tribal TSRs will be filed with the FLA, however, review and concurrence of the results by the Inyo National Forest (INF), American Indian Tribes (Tribes), State Historic Preservation Officer (SHPO) and other stakeholders (as applicable) is expected to continue following the filing of the FLA.

### **National Register of Historic Places Eligibility**

Specific to the CUL 2 – Archaeology TSP, National Register of Historic Places (NRHP) eligibility evaluation for sites that require sub surface testing for evaluation will not be complete by January 2025; a plan and schedule for evaluation will be included in the draft Historic Properties Management Plan (HPMP), which will be included in the FLA.

### **Historic Properties Management Plan**

SCE will develop a HPMP in consultation with the INF, Tribes and SHPO, which will incorporate results from the cultural and Tribal resource studies as well as concurrence on eligibility. A draft HPMP will be included in the FLA and will include measures to avoid, minimize, or mitigate adverse effects to cultural and Tribal resources that may be affected by continued operation and maintenance activities. The HPMP will include additional studies and processes such as testing and evaluation and will also outline implementation procedures such as management roles and responsibilities, Tribal and agency consultation, project review requirements, annual meetings and reporting. Processes for revision of the HPMP and dispute resolution will be elements of the HPMP. The final HPMP will incorporate comments received from the INF, Tribes, and SHPO.

## **OUTSTANDING REPORTING BASED ON DATA COLLECTED IN 2024**

Not all study elements were able to be completed during the 2023 field season. As a result, outstanding study elements associated with some aquatic studies, land studies, terrestrial studies and with the full decommissioning study were completed during the 2024 field season. Data collected during the 2024 field season will supplement the existing Draft TSR filed with the Draft License Application (DLA) and will be included in the TSRs filed with the FLA. The following lists those studies for which data was collected in 2024. Results will be reported in a Final TSR to be included in the FLA.

### **AQ 1 – Instream Flow**

Data for the following study elements was collected during the 2024 field season:

- Evaluation of potential Rush Creek Channel restoration in the former lakebed of Waugh Lake.
- Evaluation of potential enhancement of Rush Creek and South Rush Creek channels near State Route 158.

### **AQ 4 – Water Quality**

Based on stakeholder comments received on SCE's Initial Study Report Meeting Summary (November 21, 2023) and FERC's subsequent issuance of a determination on requests for study modifications (February 23, 2024), an additional year of field data (second year of data) was collected during the 2024 field season for all the study elements of the AQ 4 – Water Quality TSP.

### **AQ 5 – Geomorphology**

Data for the following study elements was collected during the 2024 field season:

- Sediment Capture/Deposition in Project Reservoirs.
- Evaluation of Potential Rush Creek Channel Restoration in the Former Lakebed of Waugh Lake.
- Evaluation of Potential Enhancement of Rush Creek and South Rush Creek Channels near State Route 158.
- Evaluation of Sediment Deposition/transport in Rush Creek near the Silver Lake Inlet.

### **AQ 6 – Fish Population and Barriers**

Based on stakeholder comments received on SCE's Initial Study Report Meeting Summary (November 21, 2023) and FERC's subsequent issuance of a determination on requests for study modifications (February 23, 2024), an additional year of field data was collected for the AQ 6 – Fish Population and Barriers TSP at each of the four stream-sampling reaches downstream of Agnew Dam.

### **AQ 7 – Special-Status Amphibians**

Based on stakeholder comments received on SCE's Initial Study Report Meeting Summary (November 21, 2023) and FERC's subsequent issuance of a determination on requests for study modifications (February 23, 2024), an additional year of field data (second year of data) was



collected during the 2024 field season for all the study elements of the AQ 7 – Special-status Amphibians TSP.

### **LAND 1 – Aesthetics**

Data for the following study element was collected during the 2024 field season:

- Photo documentation of two flow conditions over Horsetail Falls: 70 to 85 cubic feet per second (cfs) and 13 to 20 cfs.

### **LAND 2 – Noise**

Data for the following study element was collected during the 2024 field season:

- Ambient noise measurements at each Point of Interest (POI) in June and in August.

### **TERR 2 – Wildlife Resources**

Data for the following study elements was collected during the 2024 field season:

- Raptor nest surveys (including observation points and broadcast call stations for northern goshawk) during the regional nesting period, as determined through consultation with agencies and local raptor experts.
- Bat roost surveys (including visual roost surveys, evening exit counts, nighttime inspections, guano DNA sampling, and acoustic sampling) and seasonal use surveys.

### **DEC 1 – Full Decommissioning**

The following Phase II study activities were completed in 2024:

- Detailed resource-specific analysis and reporting on the potential physical and environmental benefits and concerns associated with each decommissioning option.
- Characterization of the types and quantities of any accumulated sediment that would be released from behind each dam, including the presence of any known contaminants that could be released downstream.
  - Collection and analysis of sediment data in Waugh Lake, Gem Lake, and Agnew Lake.
  - Characterization of lakebed topography, sediment, and presence of any known containments at Waugh Lake.

### **VARIANCE**

Some studies were implemented with a variance from the FERC-approved study as described in the TSP. Variances are a change from the TSP or schedule due to changed circumstances, field conditions, or other factors during the implementation of the FERC-approved TSP methods. Though the following studies were implemented with the variances noted, the study goals and objectives were met as described in the FERC-approved study. Each study with a variance is briefly described below.

### **AQ 4 – WATER QUALITY**

The AQ 4 – Water Quality study included the following variances from the TSP:

- The study plan identified monthly profile sampling for Gem, Agnew, and Silver lakes from June to October. In 2023, Gem and Agnew lakes were sampled starting in July as soon as the melting snowpack allowed access to the lakes; sampling continued through October. In 2024, sampling began in June in accordance with the TSP.
- Due to the remote nature of much of the Project area, alkalinity measurements were collected as part of the spring runoff and late summer/early fall base flow water quality grab samples and analyzed at a state-certified laboratory rather than measured in the field.
- During the July 2023 sampling event, the temperature/conductivity sensor malfunctioned during reservoir profile measurements. Troubleshooting in the field partially mitigated the issue; however, temperature and conductivity were not recorded for one of the two reservoir profile locations on Gem Lake in July of 2023. All reservoir profile parameters were recorded at all sampling sites in 2024.
- Bacterial water quality samples were tested for *Escherichia coli* (*E. coli*) in addition to total coliform and fecal coliform specified in the TSP.
- Due to a laboratory processing error, fecal coliform analysis was not performed for one of the five bacterial sampling events/samples collected at Agnew and Gem lakes in 2023. Total coliform and *E. coli* analyses were performed. All bacterial sampling event/samples were performed in 2024.
- For some parameters, Western Environmental Testing Laboratory (WETLAB) used different but equivalent analysis methods to those specified in the Water Quality TSP (Standard Methods instead of Environmental Protection Agency [EPA] methods). The methods are summarized in Table AQ 4-1 of the TSR. EPA recognizes the Standard Methods analyses as equivalent.
- Due to the remote nature of the upper portions of the Project area (i.e., above Agnew Dam), hold times for some samples were exceeded in both the spring runoff period and the late summer/early fall base flow periods.

## LAND 1 – AESTHETICS

The LAND 1 – Aesthetics study included the following variances from the TSP:

- The TSP identified the following target flows for photo documentation: (1) a spill event; (2) 70 to 85 cfs; (3) 13 to 20 cfs; (4) 5 to 8 cfs; and (5) 1 cfs (current minimum instream flow release requirement). All these flows were photo documented with the following variations noted:
  - a “spill event” was defined as spring runoff conditions with all Project valves and gates open;
  - a variety of flows in the 9 to 10 cfs range were photo documented to satisfy the 5 to 8 cfs range flow condition; and
  - flows in the 2 cfs range were photo documented to satisfy the minimum flow condition (1 cfs) because flows did not fall below the 2 cfs range during the study period; flows did not fall below 2 cfs during the study period.

## **REC 1 – RECREATION**

The REC 1 – Recreation study included the following variances from the TSP:

- The INF-provided wilderness permit data for the period from fall of 2018 through December 2022. Data was not available prior to the fall of 2018. Therefore, the analysis reflects 4+ years of data rather than 5 years of data as indicated in the Recreation TSP.
- The self-registration box was installed on May 24, 2023 and removed on November 1, 2023 (165 days). The TSP specified installation commensurate with the beginning of the INF wilderness permit quota season (May 1), however, the trail was not accessible until later in May due to residual snowpack preventing access.