

Technical Memorandum (ISR Attachment)	FERC-Approved Study Plan Elements	Study Plan Elements Completed	Study Plan Variances	Ongoing/Outstanding Study Plan Elements	Modifications to Ongoing Studies
<p>AQ 1 – Hydrology (Attachment D)</p>	<ul style="list-style-type: none"> Use 1998–2021 period of record (POR) based on available data and stakeholder input for hydrological modeling. Develop and use a spreadsheet operations model to characterize Project operations daily average flow hydrology for the POR. Analyze and compare hydrology using monthly flow exceedance plots/tables for the POR; time-series plots for the POR; January to December annual plots/tables showing mean daily and 95%, 90%, 75%, 50% (median), 25%, 10%, and 5% exceedance flows. Compile data to show differences in monthly timing and magnitude of mean and median flow conditions; magnitude, duration, and timing of annual high-flow and low-flow conditions (1-day, 3-day, 7-day, monthly, etc.), including the presence of pulse flow events; and rate, timing, and frequency of hydrograph changes. Use the gage data that is available electronically to characterize flow changes on a sub-daily basis (depending on data availability). 	<ul style="list-style-type: none"> Developed hydrology model with input from the Technical Working Group (TWG) using a POR of 1999–2023 water year (WY). <ul style="list-style-type: none"> The model includes inflow to Democrat Dam, releases to the bypass reach below the dam, and powerhouse outflows. The model includes minimum instream flow requirements and other constraints Project (e.g., flow line capacity). Conducted hydrologic alteration analysis comparing with Project and without Project flows in the bypass reach. Developed hourly flow data, time series plots, flow exceedance plots, annual plots showing mean daily and 95%, 90%, 75%, 50%, 25%, 10%, and 5% exceedance flows. Developed magnitude, duration, and timing of high-flow and low-flow conditions. Developed average annual pulse flow events and average annual hydrographs. Model results compared to gaged flow were developed. Distributed draft Technical Memo to stakeholders in January 2025. 	<ul style="list-style-type: none"> The AQ 1 TSP specified that a POR of 1998–2021 would be used for the hydrology modeling. Based on data availability (historical gage data), a POR of 1999–2023 WY was used for the modeling and hydrologic alteration analysis. 	<ul style="list-style-type: none"> Complete final Technical Memo. 	<ul style="list-style-type: none"> None
<p>AQ 2 – Water Quality/Water Temperature (Attachment E)</p>	<ul style="list-style-type: none"> Collect in-situ water quality measurements, dissolved oxygen (DO) (mg/L and % saturation), pH, specific conductance (microsiemens [μS/cm]), salinity (ppt)*, alkalinity (mg/L)*, turbidity (NTU)*, and water temperature ($^{\circ}$C) in the impoundment and bypass reach. (note: there is a discrepancy in the study plan for the items marked with an asterisk) <ul style="list-style-type: none"> Collect samples once during spring runoff and once during late summer/early fall base-flow period in 2024 and 2025. Collect seasonal water quality grab samples at the impoundment and in the bypass reach. <ul style="list-style-type: none"> Samples will be collected twice, once during the spring runoff (high flow) and once during the late summer/early fall base-flow (low flow) period in 2024 and 2025. Collect surface water bacteria samples for total and fecal coliform downstream of day-use recreation areas. <ul style="list-style-type: none"> Sample five evenly spaced times in the month of July in 2024 and 2025. Collect existing water temperature and nearby meteorological conditions from May 15 to October 15, 2024 and May 15 to October 15, 2025. 	<ul style="list-style-type: none"> Collected in-situ water quality measurements, DO, pH, specific conductance, and water temperature in the impoundment and bypass reach. <ul style="list-style-type: none"> Measurements were taken once during the spring runoff (June), and once during the late summer/early fall base-flow period (October) in 2024. Collected seasonal water quality grab samples in the impoundment and bypass reach. <ul style="list-style-type: none"> Measurements were taken once during the spring runoff (June), and once during the late summer/early fall base-flow period (October) in 2024. Collected bacteria samples for total and fecal coliform downstream of day-use recreation areas. <ul style="list-style-type: none"> Measurements were taken over relatively evenly spaced times in the month of July 2024. Due to the Borel Fire, the planned fifth sampling was completed in August. Collected water temperatures from May 15 to October 15, 2024 at seven locations, including upstream of the impoundment and in the bypass reach. Collected meteorological conditions at the closest meteorological stations. 	<ul style="list-style-type: none"> There were five study plan implementation variances. <ul style="list-style-type: none"> For some parameters, the laboratories used different but equivalent analysis methods to those specified in the AQ 2 TSP (i.e., equivalent Standard Methods instead of the specified EPA methods). For the two upstream sampling sites (KR 55.6 and KR 55.2) there was confusion with field staff regarding which of the sites to collect grab samples from. Spring, a grab sample was collected at KR 55.6 and fall, a grab sample was collected at KR 55.2 (see AQ2 TSP Table AQ 2-1). The sites are near each other and the results should not differ 	<ul style="list-style-type: none"> Water temperature monitoring, seasonal in-situ field measurements, seasonal water quality grabs samples, and bacterial sampling will be conducted again in 2025. Analysis of methylmercury fish tissue sampling will be included in the memo when the laboratory results are complete. Complete final Technical Memo. 	<ul style="list-style-type: none"> Hardness will be analyzed in 2025 to assist in identifying hardness dependent toxicity criteria for metals (cadmium, copper, lead, and nickel).

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	<ul style="list-style-type: none"> - Summarize temperature and meteorological data, including depiction of seasonal patterns and daily averages, minimums, and maximums as a function of time and location in study area and aquatic species requirements. • Conduct methylmercury fish tissue sampling of edible sized sport fish captured in the impoundment. 	<ul style="list-style-type: none"> • Captured edible sized sport fish for methylmercury sampling in the impoundment and sent for laboratory analysis. • Distributed draft Interim Technical Memo to stakeholders in March 2025. 	<p>significantly Both sites will include grab samples in 2025.</p> <ul style="list-style-type: none"> - Bacterial sampling over five relatively evenly spaced time periods in the month of July 2024 was interrupted due to the Borel Fire. The fifth sampling event was completed in August. - The AQ 2 TSP had an inconsistency between text and a table (Table AQ 2-2) for the seasonal <i>in-situ</i> field measurement parameters turbidity, alkalinity, and salinity. This led to turbidity not being recorded in the field. Turbidity will be collected in 2025 during the <i>in-situ</i> measurements. - Grab samples were analyzed for total mercury in 2024; however, samples were not analyzed for methylmercury. Methylmercury will be analyzed in 2025. 		
<p>AQ 3 – Fish Population (Attachment F)</p>	<ul style="list-style-type: none"> • Develop fish species composition and abundance estimates. • Conduct sampling using electrofishing and trammel netting in the impoundment and bypass reach. • Record the lengths and widths of the habitat units sampled to calculate fish abundance by length and area (density) of stream sampled. • Document observations of western pond turtle and other incidental aquatic species at the impoundment and bypass reach. 	<ul style="list-style-type: none"> • Collected and sampled fish in the Impoundment between October 15 and 17, 2024. • Developed fish species composition and abundance estimates. • Determined the average condition factors of all species observed in the Impoundment. • Developed length frequency histograms. • Collected 10 edible-sized sport fish species from the Impoundment for methylmercury analysis (see AQ 2 – Water Quality and Water Temperature). • Recorded western pond turtle and other incidental species found in the impoundment. • Distributed draft Interim Technical Memo to stakeholders in February 2025. 	<ul style="list-style-type: none"> • Due to high-flow conditions in the bypass reach fish sampling was not conducted. Also, trammel net sampling was not collected in the Democrat Dam Impoundment. Sampling in the bypass reach and trammel net sampling in the Democrat Dam Impoundment will occur in 2025. 	<ul style="list-style-type: none"> • Fish sampling in the bypass reach will occur in 2025. • Complete final Technical Memo. 	<ul style="list-style-type: none"> • None

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CUL 1 – Built Environment (Attachment G)	<ul style="list-style-type: none"> • Within the California State Historic Preservation Officer (SHPO) approved Area of Potential Effects (APE), review previous studies and site records; conduct archival research; conduct field investigations; record and/or update historic-period built resources; and assess resources identified during the study as a system/district, and on individual basis. • Evaluate historic-period-built environment resources for eligibility to the National Register of Historic Places (NRHP). • Prepare a Historic Properties Management Plan (HPMP) for management of historic properties in the APE that may be affected by the Project. 	<ul style="list-style-type: none"> • Reviewed previous documentation to identify built environment resources in the study area, and to develop an appropriate historical context for the Project. • Completed archival research. • Completed built environment field survey in June 2024. • Distributed draft Interim Technical Memo to stakeholders in January 2025. 	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • Finalize cultural resource technical study reports and consult with Sequoia National Forest (SQF) and Tribes. • Develop a NRHP Evaluation Plan in consultation with SQF and Tribes. • Prepare and consult on the development of the HPMP. • Complete final Technical Memo. 	<ul style="list-style-type: none"> • None
CUL 2 – Archaeology (Attachment H)	<ul style="list-style-type: none"> • Within the California SHPO approved APE, review previous studies and site records; conduct archival research; conduct field investigations; conduct field surveys to verify locations of previously recorded archaeological resources and to examine all accessible lands not previously subject to adequate survey or that need to be resurveyed to meet current professional standards; and update site records. • Document newly discovered archaeological resources within the APE following the California Office of Historic Preservation procedures for recording historical resources. • Evaluate archaeological resources for eligibility to the NRHP. • Prepare a HPMP for management of historic properties in the APE that may be affected by the Project. 	<ul style="list-style-type: none"> • Reviewed previous documentation to inventory archaeological resources in the study area. • Completed archival research. • Completed archaeological field surveys in July and November 2024. • Distributed draft Interim Technical Memo to stakeholders in January 2025. 	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • Finalize cultural resource technical study reports and consult with SQF and Tribes. • Complete field surveys supporting the NRHP Evaluation. • Develop a NRHP Evaluation Plan in consultation with SQF and Tribes. • Prepare and consult on the development of the HPMP. • Complete final Technical Memo. 	<ul style="list-style-type: none"> • None
TRI 1 – Tribal Resources (Attachment I)	<ul style="list-style-type: none"> • Within the California SHPO approved APE, conduct archival research to obtain additional information specific to the prehistory, ethnography, and history associated with the study area; meet with Tribal governments to obtain input on resources; and interview Tribes and record discussions. • Document and evaluate Tribal Places, Tribal Cultural Places and Tribal Government Resources according to Tribal values and submit for review by Tribal representatives. • Evaluate Tribal resources for eligibility to the NRHP. • Develop an ethnohistory associated with lands in the vicinity of the Project. • Prepare a HPMP for management of historic properties in the APE that may be affected by the Project. 	<ul style="list-style-type: none"> • Completed archival research. • Conducted Tribal site visit in December 2024. • Completed ethnohistory. • Distributed draft Interim Technical Memo to stakeholders in January 2025. 	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • Complete Tribal interviews to identify Tribal resources. • Complete results of data gathered and evaluate Tribal resources. • Develop a NRHP Evaluation Plan in consultation with SQF and Tribes. • Prepare and consult on the development of the HPMP. • Complete final Technical Memo. 	<ul style="list-style-type: none"> • None

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LAND 1 – Road and Trail Condition Assessment (Attachment J)	<ul style="list-style-type: none"> Consult with the SQF on approach for reconnaissance-level inventory on Project access roads and trails. Consult with SCE staff to characterize frequency of use of Project access roads and trails, frequency and type of maintenance activities, and location and size of culverts or other drainage features. Conduct a reconnaissance-level inventory and road condition assessment to characterize the current condition of Project access roads. <ul style="list-style-type: none"> Survey Project access roads per Forest Service criteria for the assigned maintenance level to assess the current condition relative to prescribed maintenance levels and standards. Describe maintenance practices and frequency of activities. Conduct a reconnaissance-level inventory and trail condition assessment to characterize the current condition of Project access trails. 	<ul style="list-style-type: none"> Desktop analysis to characterize roads and trails in terms of use, maintenance, and drainage features <ul style="list-style-type: none"> Consulted with the SQF on the approach for the reconnaissance-level condition assessment and received concurrence on August 5, 2024. Consulted with SCE staff regarding frequency of use of Project access roads and trails, frequency and type of maintenance activities, and location and size of culverts or other drainage features. Conducted reconnaissance-level trail and road inventory and condition assessment in August 2024. Distributed draft Technical Memo to stakeholders in January 2025. 	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> Complete final Technical Memo. 	<ul style="list-style-type: none"> None
LAND 2 – Erosion and Sedimentation (Attachment K)	<ul style="list-style-type: none"> Document the location and volume of historic and existing sediment recruitment to stream channels. Identify whether sources of sediment are from natural watershed process or Project-related effects, and whether sources are actively or inactively contributing sediment and if so by how much. Review August 19, 2013 storm event causing a landslide and forebay spill. Review storm cycles of 2022–2023 causing debris slides. Summarize past and current sediment management practices at Democrat Dam. 	<ul style="list-style-type: none"> Conducted desktop review of historic and existing sources of sediment and Project-related erosion areas from May to June 2024. Conducted reconnaissance-level field inventory and assessment July 25–26, 2024. <ul style="list-style-type: none"> Documented local erosion and sedimentation sources. Documented the location and relative volume of historic and existing sediment recruitment. Reviewed and summarized previous storm events in the study area. Summarized past and current sediment management practices at Democrat Dam. Distributed draft Technical Memo to stakeholders in February 2025. 	<ul style="list-style-type: none"> LAND 2 Technical Memo was released for stakeholder review in February 2025 instead of January 2025. 	<ul style="list-style-type: none"> Complete final Technical Memo. 	<ul style="list-style-type: none"> None

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<p>REC 1 – Recreation Facility Condition Assessment (Attachment L)</p>	<ul style="list-style-type: none"> Consult with the SQF to develop appropriate methods and forms for the recreation facility inventory and condition assessment. Conduct a facility inventory and condition assessment at the four Forest Service Day-use areas (i.e., Democrat Raft Take-out Boating Site, Upper Richbar Day Use Area, Lower Richbar Day Use Area, and Live Oak Day Use Area). 	<ul style="list-style-type: none"> Developed a recreation facility inventory and condition assessment form that was approved by the SQF in August 2024. Conducted an in-field facility inventory and condition assessment at the four Forest Service day-use areas in September 2024. Distributed draft Technical Memo to stakeholders in February 2025. 	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> Complete final Technical Memo. 	<ul style="list-style-type: none"> None
<p>REC 2 – Recreation Facility Use Assessment (Attachment M)</p>	<ul style="list-style-type: none"> Characterize recreation use at developed recreation facilities and at undeveloped locations identified as river access points along SR-178/the bypass reach. <ul style="list-style-type: none"> Using existing information, characterize recreation use at the four developed recreation facilities (Forest Service facilities) and at undeveloped locations identified as potential river access points along the bypass reach. Document annual recreation use over the most recent 5-year period using Forest Service capacity estimates. Collect day use information using survey boxes containing survey forms installed within each of the developed recreation sites. Consult with the Recreation TWG to finalize the questions in the developed recreation area survey form. Conduct on-ground vehicle counts and opportunistic in-person surveys at developed recreation sites and at undeveloped locations along SR 178 used to access the river. Consult with the Recreation TWG to identify locations along SR 178 used to access the river. Characterize recreation use at select Project trails. <ul style="list-style-type: none"> Interview SQF recreation planners and SCE personnel and consultants to obtain information about trail use. Collect trail use data using survey boxes containing survey forms installed along each of the Project trails. Consult with the Recreation TWG to finalize the questions in the Project trails survey form. Install trail cameras to monitor use for a 12-month period along Project trails. Obtain Forest Service approval to install trail cameras. 	<ul style="list-style-type: none"> Initiated data collection to characterize recreation use at developed recreation facilities and at undeveloped locations identified as river access points along SR-178/the bypass reach. <ul style="list-style-type: none"> Utilized existing information to characterize likely recreation use activities. Confirmed five undeveloped river access points along SR-178 in consultation with the Recreation TWG at which to conduct vehicle counts and opportunistic in-person intercept surveys. Developed survey forms to collect information from day users at developed recreation sites at the undeveloped river access points along SR-178 in consultation with the Recreation TWG. Initiated field surveys involving (1) on-the-ground vehicle counts and (2) opportunistic in-person intercept surveys (intercept surveys) at the four day use facilities and at the five undeveloped river access points along SR-178 in May 2024. Counts and intercept surveys will continue through April 2025. Initiated data collection to characterize recreation use at select Project trails. <ul style="list-style-type: none"> Obtained SQF approval for installing infrared cameras in October 2024 and subsequently installed five infrared cameras in November 2024 to collect trail use data for one year. Obtained SQF approval for installing survey boxes in December 2024 and subsequently installed nine survey boxes containing recreation use surveys and a QR code at five trailheads and at the four developed day use areas in January 2025. Survey box data will be collected for one year. <ul style="list-style-type: none"> Survey boxes are serviced and forms collected every two weeks. Distributed draft Interim Technical Memo to stakeholders in February 2025. 	<ul style="list-style-type: none"> The schedule for implementation of the full TSP is extended compared to the schedule anticipated. This delay is associated with a later start due to the Forest Service approvals required to install trail cameras and survey boxes. The intercept survey form does not include the full suite of questions associated with collecting all the information necessary to meet the REC 3 – Whitewater Boating TSP objectives. These objectives are being met though implementation of the REC 3 – Whitewater Boating TSP. Due to factors of both safety and timing, survey technicians conducted vehicle counts only once per shift instead of twice. 	<ul style="list-style-type: none"> Complete study to characterize recreation use at developed recreation facilities and at undeveloped locations identified as river access points along SR-178/the bypass reach. <ul style="list-style-type: none"> Collection of a complete year of intercept surveys and vehicle counts (May 2024 through April 2025). Collection of a complete year of recreation use data via survey box forms. (January 2024 through January 2025). Complete study to characterize recreation use at Project trails. <ul style="list-style-type: none"> Collection of a complete year of trail use data via infrared trail cameras and survey box forms (January 2024 through January 2025). Interview SQF recreation planners and SCE personnel and consultants to obtain information about trail use. Estimate future recreation use and demand. Document public safety issues and existing programs and measures. 	<ul style="list-style-type: none"> None.

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	<ul style="list-style-type: none"> Estimate future recreation use and demand. Document public safety issues and existing programs and measures. 			<ul style="list-style-type: none"> Complete final Technical Memo. 	
REC 3 – Whitewater Boating (Attachment N)	<ul style="list-style-type: none"> Conduct Level 1 Desktop Review <ul style="list-style-type: none"> Conduct literature review, hydrology assessment, and describe facility capabilities. Conduct structured interviews with individuals from the whitewater boating community to determine range of watercraft, kill levels, boating knowledge, and preferred flows of the bypass reach. Determine whether Level 2 Limited Reconnaissance is needed. Conduct Level 2 Limited Reconnaissance if determined to be needed based on the Level 1 Desktop Review. <ul style="list-style-type: none"> Conduct a site visit with agency staff and boaters for direct observation of the whitewater boating run. Confirm Level 1 information is accurate. Estimate flow preferences, factors influencing flows, use patterns, access locations. Determine whether Level 3 On-Water Whitewater Boating Assessment is needed. Conduct Level 3 On-Water Whitewater Boating Assessment if determined to be needed based on the Level 2 Limited Reconnaissance. <ul style="list-style-type: none"> Conduct on-water assessment to collect flow preference information for a variety of watercraft using a single flow study for individual trips or potentially a controlled flow study. Develop a Whitewater Focus Group to gather additional information from boaters with direct experience on the bypass reach, including boaters that participated in the Level 1 and/or Level 2 studies. 	<ul style="list-style-type: none"> Completed Level 1 Desktop Review of existing information. <ul style="list-style-type: none"> Completed literature review. Completed hydrology assessment. Completed Structured Interviews with individuals that have direct experience whitewater boating the bypass reach. Information was solicited via: <ul style="list-style-type: none"> An online questionnaire Conversations with boaters. SCE has determined that a Level 2 Limited Reconnaissance investigation is unnecessary: <ul style="list-style-type: none"> All data needed to address study plan objectives has been developed from the Level 1 Desktop Assessment, or will be developed from data obtained from the Level 1 Desktop Assessment. Based on the whitewater boater consultation conducted during the Level 1 Desktop Review there is a wide variance in minimum acceptable and optimal boating flows depending on a boater’s preference. Additional assessment efforts associated with the Level 2 Limited Reconnaissance Site Visit and Level 3 On-water Boating Assessment would be primarily directed at refinement of boating flow preferences. Reconciliation of flow preferences to single-value thresholds through Level 2 Limited Reconnaissance Site Visit is not realistic and does not accurately represent the preferences of boaters that run the Lower Kern river. Based on the study approach detailed in the approved REC 3 TSP, with the completion of the Level 1 Desktop Review no further assessment is necessary to address study objectives. Distributed draft Interim Technical Memo to stakeholders in February 2025. 	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> SCE has determined that Level 2 Limited Reconnaissance is not necessary to achieve the REC 3 TSP objectives. Quantify the annual and monthly frequency that minimum acceptable and optimum whitewater flows occur in the bypass reach under current Project operations and without Project diversion for each watercraft type. Complete final Technical Memo. 	<ul style="list-style-type: none"> None

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TERR 1 – Botanical Resources (Attachment O)	<ul style="list-style-type: none"> Develop vegetation alliance maps of the study area based on CALVEG mapping and alliance descriptions and conduct ground truthing of vegetation alliances within 0.25-mile of Project facilities. Characterize the relationship between the riparian vegetation and flow conditions in the bypass reach. Develop preliminary lists and maps of known or potential occurrences of special-status plants within the study area. Conduct focused special-status plant surveys for known or potential occurrences of special-status plants within the study area. Develop preliminary lists and maps of known occurrences of non-native invasive plants (NNIP) within the study area and develop a list of priority NNIPs. Conduct focused NNIP surveys in conjunction with special-status plant surveys. 	<ul style="list-style-type: none"> Identified and mapped vegetation alliances in the study area and completed ground-truthing surveys of preliminary vegetation alliance maps in May 2024. Sampled 10 representative riparian cross-sections along the bypass reach in September and October 2024. <ul style="list-style-type: none"> Summarized the structure and composition of the riparian community along the bypass reach. Developed preliminary lists of known or potential occurrences of special-status plants and NNIPs within the study area. Conducted early season floristic field surveys for known or potential occurrences of special-status plants and NNIPs in April 2024. Distributed draft Interim Technical Memo to stakeholders in January 2025. 	<ul style="list-style-type: none"> TERR 1 TSP requires implementation of both early season and late season botanical surveys. The late season botanical surveys were scheduled to occur in late July 2024; however, due to the Borel Fire and associated area evacuations, road closures, and public safety concerns, the late season surveys are postponed to July 2025. 	<ul style="list-style-type: none"> Complete the riparian vegetation-flow conditions studies. The hydrological analysis incorporating the riparian data was unavailable at the time the ITM was released for stakeholder review. Complete final Technical Memo. 	<ul style="list-style-type: none"> None
TERR 2 – Wildlife Resources (Attachment P)	<ul style="list-style-type: none"> Develop preliminary lists and maps of known or potential occurrences of special-status wildlife species within the study area. Based on existing vegetation alliances and forest structural characteristics, identify and map wildlife habitats potentially occurring within the study area. Conduct wildlife reconnaissance surveys to characterize wildlife use of habitats within the study area. Document the configuration of Project powerline poles and energized equipment within the Kern No. 1 Powerhouse Switchyard and evaluate their consistency with Avian Power Line Interaction Committee guidelines. Review existing information of open-air segments of the water conveyance system to determine potential for these structures to entrap wildlife. Identify and map known occurrences and habitat for special-status salamanders in the study area and conduct visual encounter surveys. Assess Project facilities for potential to support special-status bats and conduct reproductive and seasonal use surveys. 	<ul style="list-style-type: none"> Developed preliminary lists and maps of known or potential occurrences of special-status wildlife species and their habitat within the study area and conducted reconnaissance surveys from May 27 to June 1, 2024. Completed evaluation of powerline pole configurations and open-air segments of water conveyance system May 27 to June 1, 2024. Completed special-status salamander habitat assessment in January 2025. Completed evaluation of facilities potentially supporting bat roosts and completed bat reproductive use and seasonal use surveys July 7 to 16, 2024. Distributed draft Interim Technical Memo to stakeholders in March 2025. 	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> Complete special-status salamander visual encounter surveys in February/March 2025 during appropriate weather conditions. Complete final Technical Memo. 	<ul style="list-style-type: none"> None

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EJ 1 – Environmental Justice (Attachment Q)	<ul style="list-style-type: none"> • Include a table of racial, ethnic, and poverty statistics for each state, county, and census block group within the geographic scope of analysis. For the Project, the geographic scope of analysis is all areas within 1 mile of the FERC Project Boundary. • Include information from the U.S. Census Bureau's most recently available American Community Survey 5-Year Estimates. • Utilize the most recent American Community Survey files available, using table #B03002 for race and ethnicity data and table #B17017 for low-income households. • Identification of environmental justice (EJ) populations by block group. • A map showing the FERC Project Boundary and location(s) of any proposed Project-related construction in relation to any identified EJ communities within the geographic scope. Denote on the map if the block group is identified as an EJ community based on the presence of minority population, low-income population, or both. • A discussion of anticipated Project-related effects on any EJ communities for all resources where there is a potential nexus between the effect and the EJ community. For any identified effects, please also describe whether or not any of the effects would be disproportionately high and adverse. • If EJ communities are present, provide a description of public outreach efforts regarding the Project. • A description of any mitigation measures proposed to avoid and/or minimize potential Project effects on EJ communities. • Identification of any non-English speaking groups within the geographic scope of analysis that would be affected by the Project (regardless of whether the group is part of an identified EJ community). Describe previous or planned efforts to identify and communicate with these non-English speaking groups and identify and describe any proposed measures to avoid and minimize any Project-related effects to non-English speaking groups. • If new construction is proposed, identification of sensitive receptor locations (e.g., schools, day care centers, hospitals) within the geographic scope of analysis. 	<ul style="list-style-type: none"> • Conducted an evaluation to identify EJ communities near the Project. Summarized information in tables and depicted on figures. • Identified the presence of EJ and non-English speaking populations that may be affected by the Project and summarized outreach strategies to engage non-English speaking populations in the relicensing process. • Identified sensitive receptor locations within the study area. • Distributed draft Technical Memo to stakeholders in February 2025. 	<ul style="list-style-type: none"> • None 	<ul style="list-style-type: none"> • An evaluation of potential Project effects will be discussed in SCE's License Application, as well as the inclusion of mitigation measures to avoid or minimize Project impacts on EJ communities, if applicable. • Complete final Technical Memo. 	<ul style="list-style-type: none"> • None