

Attachment B:
Mitigation Monitoring and Reporting Program

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Introduction

The State Water Resources Control Board (State Water Board) has prepared an environmental impact report (EIR) in accordance with the California Environmental Quality Act (CEQA) for the Clean Water Act section 401 water quality certification (Certification) for relicensing of the Kerckhoff Hydroelectric Project (Federal Energy Regulatory Commission (FERC) Project No. 96) (Proposed Project) that identifies 8 required mitigation measures and 2 recommended mitigation measures to reduce the Proposed Project's potentially significant environmental impacts. Implementation of Recommended Measures BIO-2 and AQ-1 is unclear and for that reason those measures are not described further.

When a public agency finds that mitigation measures are necessary to reduce a project's potentially significant environmental impacts, CEQA requires the agency to adopt a program for monitoring or reporting on the measures it has imposed to mitigate or avoid significant environmental effects. (Cal. Code Regs., tit. 14, § 15097.) Please note that due to the preemptive effect of the Federal Power Act, the State Water Board is unable to impose mitigation measures or conditions of water quality certification for all potentially significant impacts. Please see Certification Attachment C: California Environmental Quality Act Findings and Statement of Overriding Considerations for the Board's findings regarding potentially significant CEQA impacts.

The section 401 water quality certification process is different from CEQA in that CEQA's focus is only the impacts that would result from changes to the environmental baseline associated with a project. Section 401 water quality certification conditions are not aimed solely at mitigating impacts resulting from changes to the environmental baseline but are more broadly directed at achieving water quality objectives and protecting designated beneficial uses. Accordingly, for some impact areas the Certification establishes conditions even though mitigation measures are not required under CEQA.

This Mitigation Monitoring and Reporting Program is prepared in accordance with CEQA to establish monitoring or reporting for the mitigation measures imposed by the EIR. It also identifies conditions of the Certification that are related to implementation of the mitigation measures and protection of water quality even where the Proposed Project was not found to have a potentially significant impact as defined by CEQA.

Mitigation Measures

Subdivision (c) of section 15097 of the CEQA Guidelines states in part:

The public agency may choose whether its program will monitor mitigation, report on mitigation, or both. "Reporting" generally consists of a written compliance review that is presented to the decision making body or authorized staff person. A report may be required at various stages during project implementation or upon completion of the mitigation measure.

“Monitoring” is generally an ongoing or periodic process of project oversight. There is often no clear distinction between monitoring and reporting and the program best suited to ensuring compliance in any given instance will usually involve elements of both.

Monitoring and/or reporting requirements for the mitigation measures imposed by the EIR are set forth below.

Mitigation Measure WQ-1: Retirement Plan for Kerckhoff 1 Powerhouse and Associated Facilities

Mitigation Measure WQ-1 requires that Pacific Gas and Electric Company (PG&E) develop and submit a Supplemental Kerckhoff 1 (K1) Powerhouse Retirement Plan to the Deputy Director of the State Water Board’s Division of Water Rights for review and consideration for approval, which shall including Best Management Practices (BMPs) to protect water quality during and following construction activities and shall ensure compliance with the Water Quality Control Plan for the Sacramento River Basin and the San Joaquin River Basin (Central Valley Basin Plan) (Central Valley Regional Water Board 2019) and any amendments hereto.

Monitoring and Reporting:

No later than 3 years following license issuance, and at least 12 months in advance of the proposed start of K1 retirement activities, PG&E shall develop and submit a Supplemental K1 Powerhouse Retirement Plan to the Deputy Director for review and consideration for approval. PG&E shall comply with the monitoring and reporting schedule included in the approved Supplemental K1 Powerhouse Retirement Plan once developed.

Mitigation Measure WQ-2: San Joaquin River Above Kerckhoff Reservoir Inflow Gage Plan

Mitigation Measure WQ-2 requires monitoring, water quality protection measures, environmental avoidance measures, and best management practices to be implemented during construction, installation, operation, and maintenance of the gage to ensure compliance with the Central Valley Basin Plan and any amendments thereto.

Monitoring and Reporting:

PG&E shall develop and implement a plan in consultation with Bureau of Land Management (BLM), United States Forest Service (Forest Service), California Department of Fish and Wildlife (CDFW), United States Fish and Wildlife (USFWS), and other interested parties to implement the San Joaquin River Above Kerckhoff Reservoir Inflow Gage Measure. PG&E shall comply with the monitoring and reporting schedule included in San Joaquin River Above Kerckhoff Reservoir Inflow Gage Plan once developed.

Mitigation Measure WQ-3: Construction General Permit, WQMP, and Dewatering Plans

Mitigation Measure WQ-3 requires PG&E to comply with the State Water Board's National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities (Construction General Permit) (General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities. Water Quality Order No. 2009-0009-DWQ and NPDES No. CAS000002, as amended by Order No. 2010-0014-DWQ, Order No. 2012-0006- DWQ) and amendments thereto for construction and maintenance activities to which the Construction General Permit applies and to develop and implement site-specific Water Quality Monitoring and Protection Plans (WQMP Plans) or Dewatering and Diversion Plans approved by the Deputy Director prior to beginning any construction and maintenance activities that are not subject to the Construction General Permit.

Monitoring and Reporting:

When compliance with the Construction General Permit is required, PG&E shall comply with all applicable monitoring and reporting requirements established by the Construction General Permit and future amendments thereto.

When a WQMP Plan or a Dewatering and Diversion Plan is required, PG&E shall submit it to the Deputy Director for review and approval at least 60 days prior to the start date of the subject construction or maintenance activity. PG&E shall comply with the monitoring, maintenance, and reporting schedule included in the approved WQMP or Dewatering and Diversion Plan.

Mitigation Measure WQ-4: A Low-Level Outlet (LLO) Sediment Sluicing Management Plan

Mitigation Measure WQ-4 requires PG&E to develop and implement a low-level outlet (LLO) Sediment Sluicing Management Plan for situations where the LLOs are specifically operated for sediment sluicing.

Monitoring and Reporting:

When sediment sluicing is being proposed, PG&E shall comply with all applicable monitoring and reporting requirements established by the LLO Sediment Sluicing Management Plan once developed. PG&E shall comply with the Central Valley Basin Plan water quality objectives, monitoring, and reporting schedules included in the sediment sluicing management plan.

Mitigation Measure WQ-5: Instream Flow Public Safety Plan

Mitigation Measure WQ-5 requires PG&E to develop and implement a plan in consultation with BLM, USFS, and the State Water Board for situations where a larger stage change than one foot per hour, as measured at Gage J-2, is expected and has the potential to impact recreators or whitewater boaters.

Monitoring and Reporting:

PG&E shall monitor flow release in relation to stage change larger than one foot per hour, and implement horn activation protocols to notify recreators to exit the river channel due to increased incoming flows from Kerckhoff Dam. PG&E shall comply with all horn activation protocols and necessary facility updates, as determined in consultation, included within the Instream Flow Public Safety Plan once developed.

Mitigation Measure GEO-1 Erosion and Sediment Control Plan

Mitigation Measures GEO-1 requires within two years of license issuance, PG&E shall develop an Erosion and Sediment Control Plan (ESCP). The plan shall provide direction for treating erosion, controlling sedimentation, and reclaiming disturbed sites within the Proposed Project Boundary during the term of the new license.

Monitoring and Reporting:

The Erosion and Sediment Control Plan will implement: (1) methods for initial and periodic inventory and monitoring for the Proposed Project area to identify erosion sites and sites needing reclamation caused by Proposed Project facilities and operations and assessment of site conditions for each erosion site; (2) erosion control and reclamation measures, and; (3). effectiveness monitoring of completed erosion control treatment measures to determine if further erosion control measures are needed. Beginning the first full calendar year of the new license, PG&E shall provide an annual report of erosion control and monitoring activities of the previous year. PG&E shall comply with all monitoring and reporting provisions within the ESCP once developed.

Mitigation Measure BIO-1: Conduct a Preconstruction Survey for Northwestern Pond Turtle at the New San Joaquin River Gage

Mitigation measure BIO-1 requires that a qualified biologist conduct a preconstruction survey for turtle nests or hibernating turtles. If suitable habitat is encountered that has the potential to be disturbed as determined by the qualified biologist then the area shall be flagged prior to construction. The qualified biologist shall periodically inspect the flagged area, and make repairs as needed. If a northwestern pond turtle is encountered in the work area, work in the immediate area shall stop and the turtle shall be allowed to leave the area on its own. The qualified biologist shall be contacted immediately, and the biological monitor (or other Kerckhoff Hydroelectric Project personnel) shall continuously monitor the individual's movements during the working time period until it is safely out of the work area or has been relocated by the qualified biologist at least 500 feet away from the proposed disturbance area to a location with similar habitat that is outside the influence of inflow gage construction.

Monitoring and Reporting:

The qualified biologist shall report any northwestern pond turtle observations in the work area to the State Water Board, CDFW, and USFWS within 48 to 72 hours or 24 hours if turtles are relocated. Construction activities shall not resume until the turtle(s) have moved by its/their own volition or been relocated by the qualified biologist at least 500 feet away from the proposed disturbance area to a location with similar habitat that is outside the influence of inflow gage construction.

Mitigation Measure BIO-3: Compensate for the Temporary and Permanent Losses of Waters of the United States/Waters of the State

Mitigation Measure BIO-3 requires PG&E to compensate for permanent impacts on waters of the United States and waters of the state for the San Joaquin River (SJR) Above Kerckhoff Reservoir Inflow Gage and to restore all temporary impacts be restored to pre-Proposed Project contours and conditions within 30 days following completion of construction activities

Monitoring and Reporting

If construction of the SJR Above Kerckhoff Reservoir Inflow Gage results in permanent loss of waters of the United States and waters of the state, PG&E shall pay into the National Fish and Wildlife Foundation Sacramento District In-lieu Fee Program to ensure no net loss of wetland functions and values. The compensation ratio shall be a minimum of 1:1 (one acre of habitat credit for every one acre of impact). The actual mitigation ratio and associated credit acreage may be modified based on CWA Section 404 and Section 401 permitting, which shall dictate the ultimate compensation for permanent impacts on waters of the United States and waters of the state

Water Quality Certification Conditions

As explained above, CEQA mitigation measures are different from water quality certification conditions because mitigation measures are focused on reducing or avoiding significant adverse impacts that would result from changes to the environmental baseline caused by a project and certification conditions are more broadly aimed at ensuring the licensed action will comply with Clean Water Act requirements including water quality standards adopted by the state.

Below, this MMRP describes conditions of the Certification that PG&E will be required to implement related to impacts analyzed in the EIR even where the EIR impact was not found to be potentially significant. The Certification also includes water quality certification Conditions 16 through 37, which are general in nature and are not included below.

CONDITION 1: Flows

Condition 1(A) requires PG&E to implement flow related requirements, such as minimum instream flows (MIFs) and other ramping related measures no later than three months following the issuance of a new FERC Project license. Alternative timelines to implement MIFs or other flow-related requirements of the Certification may be approved by the State Water Board Deputy Director of the Division of Water Rights if they require facility modifications.

Condition 1(B) requires PG&E to ensure MIFs are provided below Kerckhoff Dam in accordance with Table 1 of the Certification. MIFs must be measured at United States Geological Survey (USGS) gage No. 11246700 (i.e. Gage J-2). Condition 1(B) requires PG&E to measure MIFs below Kerckhoff Dam as a 24-hour average flow and as an instantaneous flow recorded at 15-minute intervals. PG&E must document all MIF

releases and associated streamflow on the California Data Exchange Center website or other location approved by the Deputy Director (e.g., USGS webpage). The Licensee shall furnish electronic streamflow records to State Water Board staff upon request. Condition 1(C) requires PG&E to request temporary changes to requirements associated with flow related requirements, including MIFs (Condition 1) and ramping rates and spill operations (Condition 3), to support non-emergency facility construction, modification, and/or maintenance activities. Non-emergency temporary change requests shall be submitted to the Deputy Director for review and consideration of approval as far in advance as practicable, but no less than four months in advance of the desired effective date, unless otherwise approved by the Deputy Director. Additionally, the Licensee shall notify and consult with the United States Forest Service (Forest Service), California Department of Fish and Wildlife (CDFW), United States Fish and Wildlife Service (USFWS), United States Department of the Interior, Bureau of Land Management (BLM) and State Water Board staff regarding the proposed temporary change to flow-related requirements.

Condition 1(D) requires PG&E to notify the Deputy Director prior to a temporary emergency flow change when possible, and in all instances to notify the Deputy Director within 24 hours of the beginning of any unplanned temporary streamflow modification and to provide the Deputy Director with an update of the conditions associated with the modification and an estimated timeline for returning to the required MIFs within 96 hours of beginning the modification.

In addition, within 30 days of any unplanned temporary MIF modification, PG&E must provide the Deputy Director with: (1) a written description of the change and reason(s) for its necessity; (2) photo documentation of the emergency or reason for the flow-related change; (3) a timeline for returning to the applicable requirement or timelines when the unplanned change ended; (4) a description of corrective actions taken in response to the unplanned temporary change; (5) any observed or reported environmental effects; and (6) a plan to prevent the need for changes resulting from a similar emergency or event in the future.

CONDITION 2: Water Year Types

Condition 2 requires PG&E to implement the Certification in accordance with the water year (WY) types defined in Condition 2 as soon as reasonably practicable but no later than 60 days following issuance of the new FERC Project license. Condition 2(A) establishes the WY types for MIFs, as described in Table 2 of the Certification. Condition 2(B) establishes the WY types for down ramping operations (Condition 3: Ramping Rates and Reservoir Spill Operations), as shown in Table 3 of the Certification.

Under Condition 2(C), and no sooner than 10 year following issuance of the new FERC Project license, the Deputy Director may require that the Licensee develop a report that: (a) evaluates the effectiveness of the WY types defined in this condition in matching the timing and volume of actual water availability (unimpaired flow) in the San Joaquin River watershed; and (b) makes recommendations regarding potential updates to the methodology used to establish WY types for the Project that more accurately

align with the volume and timing of actual water supply conditions. The report and recommendations shall be developed in consultation with State Water Board, BLM, and the California Department of Water Resources. The Licensee may also request an update to the WY types through an amendment to the Certification.

CONDITION 3: Ramping Rates and Reservoir Spill Operations

Condition 3 establishes Project ramping rates and spill operations as described below.

Condition 3(A) requires the implementation of the Licensee's End-of-Spill Flow Recession and Whitewater Flow Releases Measure and as changed by BLM Revised 4(e) Conditions submitted to FERC on May 12, 2025 (DOI 2025) and the Certification. Condition 3(A) ensures the Licensee shall annually provide to the San Joaquin River below Kerckhoff Dam an end-of-spill flow recession in conjunction with the whitewater boating flow releases between May 1 and August 31 of each year. The Licensee shall provide end-of-spill flow recession and whitewater boating flow releases based on the WY types defined in Condition 2(B): minimum of three boating days in Above Average WYs and minimum of two boating days in Below Average WYs. Beginning in year 3 of the new FERC Project license and continuing for a total of the first five Above Average WYs the Licensee shall count the number of whitewater boaters at the Kerckhoff Dam access point (whitewater run 1) between the hours of 8:00 am and 4:00 pm during boating days from the implementation of the flow release schedule. Additionally, the Licensee shall make a survey form available at whitewater runs 2 and 3 during implementation of the end-of-spill flow recession and whitewater flow releases. The number of whitewater boating flow days associated with end-of-spill flow recession and whitewater flow releases may be decreased and/or increased during the term of the Project's FERC license based on monitoring criteria defined in Condition 3(A) of the Certification.

Condition 3(B) requires the implementation of the Licensees Spill Season Flow Measure as filed with FERC by PG&E on March 31, 2023 (PG&E 2023), and as changed by BLM Revised 4(e) Conditions submitted to FERC on May 12, 2025 (DOI 2025).

Condition 3(C) requires the implementation of the Licensee's Subsequent Spill Ramp Down Measure as submitted by PG&E to FERC on March 31, 2023 (PG&E 2023).

Condition 3(D) requires the implementation of the Licensee's Planned Outage Measure as filed with FERC by PG&E on March 31, 2023 (PG&E 2023), and as changed by BLM Revised 4(e) Conditions submitted to FERC on May 12, 2025 (DOI 2025), with the following addition:

- The Licensee shall provide a public notice of the upcoming planned outage event(s) on its website and/or the Project's FERC docket at least one week prior to the outage event(s).

Condition 3(E) requires that the Licensee shall, to the extent feasible, implement an instream flow ramp up rate that maintains a stage change of one foot or less per hour when flows are at or less than 4,000 cfs as measured at Gage J-2. The "extent

feasible” depends in part on infrastructure limitations and advanced notice and coordination of incoming flows from upstream hydroelectric projects²⁶. Where the ramp up in Condition 3(D) conflicts with 3(E), this measure, Condition 3(E), shall apply. If the one foot per hour or less ramp up rate cannot be maintained, the Licensee shall adjust releases to remain as close as feasible to the one foot per hour ramp up rate, as measured at Gage J-2.

Condition 3(F) requires no later than six months following issuance of a new FERC Project license, the Licensee shall initiate consultation with BLM, Forest Service, CDFW, USFWS, Southern California Edison (SCE), American Whitewater, and State Water Board staff to evaluate available information and determine the need for studies or adaptive management actions related to the Project’s contributions to spill conditions and fluctuating flows in the San Joaquin River below Kerckhoff Dam. At a minimum, and unless otherwise approved by the Deputy Director, consultation shall include:

- Identification and a summary of existing information related to spill and fluctuating flow conditions in the San Joaquin River below Kerckhoff Dam related to operations of the Project, Crane Valley Hydroelectric Project, and Big Creek No. 4 Hydroelectric Project.
- Identification and development of any study plans/modeling, if needed, to better identify and reduce the Project’s potential impacts resulting from spills and fluctuating flow conditions in the San Joaquin River below Kerckhoff Dam. Study plans/modeling shall consider Project operations, flow releases, and ramping rates, including those required by this certification.

Within two years of issuance of the new Project license, the Licensee shall submit proposed study plans/modeling to the Deputy Director for review and consideration of approval. The Licensee shall implement the study plans/modeling upon receipt of Deputy Director approval and any other required approvals, in accordance with the schedule and requirements specified therein.

Within one year of completing any Deputy Director approved studies/modeling, the Licensee shall submit a report to the Deputy Director for review and consideration of approval. The report shall be developed in consultation with BLM, SCE, American Whitewater, USFWS, Forest Service, CDFW, and State Water Board staff. At a minimum any report required by the Deputy Director shall include:

- Results of completed and/or ongoing approved studies/modeling.
- Recommendations, if appropriate, for additional data collection to better inform potential Project impacts and adaptive management actions.
- Identification of potential adaptive management actions (e.g., updates to flow releases and ramping rate requirements; improved coordinated operations between the Licensee, PG&E and SCE; and updates to public noticing

²⁶ This includes flow information collected under Condition 6(A) and improved coordination under Condition 4.

requirements related to flow changes below Kerckhoff Dam).

- Proposed changes, as appropriate, to update Project Certification conditions to address the Project's contributions to spill conditions and fluctuating flow changes in the San Joaquin River below Kerckhoff Dam.
- Documentation of consultation with BLM, SCE, American Whitewater, USFWS, Forest Service, CDFW, and State Water Board staff, comments and recommendations made in connection with the report, and a description of how the report incorporates or addresses the comments and recommendations.

The Deputy Director may require changes based on the report (e.g., to measures or conditions) to ensure protection of water quality and beneficial uses. The Licensee shall implement Deputy Director-approved measures in accordance with the schedule and requirements specified in the Deputy Director approval and receipt of any other required approvals.

Condition 3(G) requires that no later than one year following issuance of the new Project license, the Licensee shall submit an Instream Recreation Protection Plan to the Deputy Director for review and consideration of approval. The Instream Recreation Protection Plan shall be developed in consultation with BLM, Forest Service, American Whitewater, USFWS, CDFW, and State Water Board staff. The goal of the Instream Recreation Protection Plan shall be to develop recreational beneficial use/ public safety measures that will be implemented to help address fluctuating flows in the San Joaquin River below Kerckhoff Dam. Unless otherwise approved by the Deputy Director, at a minimum, the plan shall include:

- Protocols for siren activation along the San Joaquin River below Kerckhoff Dam during fluctuating flow conditions that may result in a stage increase greater than one foot per hour. Siren activation shall focus on targeted areas and consider other relevant factors associated with siren activation such as when the flows are changing (e.g., middle of night versus noon) and level of anticipated recreation (e.g., middle of summer versus winter).
- Measures to reduce potential siren noise impacts on sensitive receptors and/or homeowners along the San Joaquin River below Kerckhoff Dam.
- Siren use shall consider water transit time based on available J-2 Gage data and information from the new inflow gage that will be installed on the San Joaquin River above Kerckhoff Reservoir (Condition 6).
- Identification of facility upgrades (e.g., new or updated sirens).
- Measures to ensure proper signage is posted at or near recreation areas to educate recreators on the sirens and potential flow changes. In addition to English, signage shall be provided in the most common non-English language(s) in the Project vicinity.

CONDITION 4: Coordinated Operations

Condition 4 requires PG&E to submit a Coordinated Operations Plan after consulting with SCE, USFWS, Forest Service, CDFW, BLM, and State Water Board staff in developing the Coordinated Operations Plan. The Coordinated Operations Plan shall address coordination operations between the Project, PG&E's Crane Valley Hydroelectric Project (FERC Project No. 1354), and SCE's Big Creek No. 4 Hydroelectric Project (FERC Project No. 2017) to ensure improved implementation of the flow-related conditions in the Project's license such as ramping rates during normal operations (to the extent feasible) and flows during outage events. At a minimum, the Coordination Operations Plan shall consider:

- Improved communication protocols around scheduling of power generation, powerhouse outages and long-term maintenance activities that could impact operations.
- Advanced flow release information and data sharing.
- Annual review of the plan to determine if the operations are effective in achieving the improved implementation of the flow related conditions in the Project license.

During the term of the Project license, including following issuance of a new license for the Big Creek No. 4 Hydroelectric Project and/or the Crane Valley Hydroelectric Project, the Deputy Director may require the Licensee update the Coordinated Operations Plan to improve operation of the projects for the protection of water quality and beneficial uses.

The Licensee shall file with FERC the Deputy Director-approved Coordinated Operations Plan, and any approved changes thereto. The Licensee shall implement the Coordinated Operations Plan and any approved changes thereto upon receipt of Deputy Director and any other required approvals, in accordance with the schedule and requirements specified therein.

The Licensee shall submit the Coordinated Operations Plan to the Deputy Director within one year following license issuance.

CONDITION 5: Whitewater Notification and Access Measure

Condition 5 requires the Licensee shall implement the Whitewater Notification and Access Measure as submitted to FERC by PG&E on April 3, 2023 (PG&E 2023, Volume III: Exhibit E, Supporting Document A, Environmental Measures/Management and Maintenance Plans) with the following changes:

- In addition to providing notification of upcoming whitewater boating flows to CDFW, USFWS, BLM, Forest Service, State Water Board, American

Whitewater, and the Cultural Resources Working Group²⁷, the Licensee shall also provide public notification on its website, a minimum of 10 days in advance of the planned whitewater flow releases (Condition 3(A): End-of-Spill Flow Recession and Whitewater Flow Releases).

- The Licensee shall provide escorted access to PG&E's J-2 Stream Gage access trail on all days with scheduled whitewater boating flow releases²⁸.
- The Licensee shall submit the proposed J-2 Stream Gage Access Trail Plan to the Deputy Director for review and consideration of approval prior to submitting to FERC for approval. The Deputy Director may require changes as part of any approval. The Licensee shall implement any Deputy Director-approved J-2 Stream Gage Access Trail Plan upon receipt of Deputy Director and any other required approvals.

The Licensee shall implement the Whitewater Notification and Access Measure, as described above, no later than 30 days following issuance of a new FERC Project license.

CONDITION 6: Gaging

Condition 6 addresses the construction and operation of the Licensee's proposed inflow gage above Kerckhoff Reservoir. Condition 6(A) requires the Licensee to implement the San Joaquin River Above Kerckhoff Reservoir Inflow Gage Measure as submitted to FERC by PG&E on April 3, 2023 (PG&E 2023, Volume III: Exhibit E, Supporting Document A, Environmental Measures/Management and Maintenance Plans, San Joaquin River Above Kerckhoff Reservoir Inflow Gage Measure) with the following changes:

- Following gage construction, the Licensee shall ensure the gage is calibrated for the full range of anticipated flows consistent with USGS standards throughout the new FERC Project license. The Licensee shall post all flow and other data associated with the gage to the California Data Exchange Center website or other location approved by the Deputy Director (e.g., USGS webpage) within 24 hours of flow measurement, unless otherwise approved by the Deputy Director. The Licensee shall furnish electronic streamflow records to State Water Board staff upon request. Additionally, any flow data shall be submitted to the State Water Board in a form consistent with requirements of this certification or as otherwise directed by the Deputy Director.

Condition 6(B) the Licensee to submit a Gage Construction Plan to the Deputy Director for

²⁷ The Cultural Resources Working Group refers includes North Fork Rancheria of Mono Indians, Mono Nation, Picayune Rancheria, North Fork Mono Tribe, Cold Springs Rancheria, Dunna Wo-Wah Tribal Government, Table Mountain Rancheria, Wuksache Tribe, BLM and the USFS; the California State Historic Preservation Officer, PG&E and interested individuals.

²⁸ This does not apply to releases that happen to fall within optimal boating flow ranges (2,500 cfs to 1,600 cfs) and are not days with scheduled whitewater boating flow releases as outlined in Condition 3(A).

review and consideration for approval following consultation with BLM, Forest Service, CDFW, USFWS, and State Water Board on the development of the Gaging Construction Plan. Unless otherwise approved by the Deputy Director, at a minimum, the Gage Construction Plan shall include the following (consistent with mitigation measure (MM) Hydrology and Water Quality (WQ)-2)):

- Description of gage construction activities, location, schedule, and existing site conditions, including site plan maps(s), drawings, and/or photos showing construction areas.
- Water quality protection measures and best management practices that will be implemented during gage construction.
- Description of all construction-related activities that involve dewatering, water diversions, and in-water or water adjacent work. For dewatering or temporary water diversion activities, the description shall include:
 - Equipment and methods that will be used for dewatering and temporary water diversion, including descriptions of procedures that will be used for installation, operation, maintenance, removal, and rewatering (e.g., inspection and follow-up actions, if applicable).
 - Type(s) of barriers that will be installed to isolate work areas from surface waters.
 - List of materials that will be used in or adjacent to the watercourse.
- Description of BMPs that will be implemented to avoid potential water quality and aquatic resource impacts. BMPs shall ensure discharges associated with dewatering and water diversion will not exceed water quality objectives, as defined in the Central Valley Basin Plan and any amendments thereto. At a minimum, BMPs shall include the following actions (consistent with mitigation measure Biological Resources (BIO)-1):
 - Within two weeks of beginning construction, a qualified biologist (i.e., a biologist familiar with the habitat requirements and biology of northwestern pond turtle) shall conduct a preconstruction survey for turtle nests or hibernating turtles. If suitable habitat is encountered that has the potential to be disturbed (as determined by the qualified biologist), then the suitable habitat shall be flagged prior to construction. Flagged areas shall be avoided during construction.
 - The qualified biologist shall periodically inspect the flagged area(s) and make repairs to flagging as needed. If a northwestern pond turtle is encountered, work in the immediate area of the turtle shall cease, the qualified biologist shall immediately be contacted, and the turtle shall be allowed to volitionally leave the area or shall be relocated by the qualified biologist. The qualified biologist and/or the biological monitor (or other Project personnel) shall continuously monitor the turtle's movements during the working time period

until it is safely out of the work area or has been relocated by the qualified biologist at least 500 feet away from the Project area to a location with similar or better habitat.

- The qualified biologist shall report any northwestern pond turtles observations in the work area to the State Water Board, CDFW, and USFWS within 72 hours of being encountered, or within 24 hours if turtles are relocated.
 - Construction activities shall not resume until the turtle(s) have moved by its/their own volition or been relocated by the qualified biologist.
 - If a turtle nest is found, construction activities shall not take place within 100 feet of the nest until the turtles have hatched and the juvenile turtles have moved or been relocated by the qualified biologist.
- Proposed water quality monitoring and reporting. Proposed monitoring shall include a description of monitoring locations, equipment, frequency, methods, and quality assurance/quality control procedures.
 - Description of measures that will be implemented to ensure gage installation does not result in a net loss of wetland or riparian habitat functions under the standards and procedures set forth in the State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (Dredge or Fill Procedures) (State Water Board 2019 and 2021) and Water Code, Division 7, Chapter 28, sections 16200-16201, and any amendments thereto (consistent with mitigation measure BIO-3). If the Project results in a permanent impact to wetland or riparian habitat function, the Gage Plan shall include proposed compensation ratios that shall at a minimum be a 1:1 ratio.

The Licensee shall submit a Gage Construction Plan to the Deputy Director a minimum of six months prior to the desired gage installation date and install the new gage in the San Joaquin River above Kerckhoff Reservoir no later than four years following issuance of the new FERC Project license.

CONDITION 7: Construction and Maintenance

Condition 7 requires the Licensee comply with the State Water Board's Construction General Permit National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities (Construction General Permit)²⁹, State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (Dredge or Fill Procedures), and amendments to the aforementioned documents. For Project-related activities (e.g., construction and maintenance) with the potential to impact water quality or beneficial uses that are not subject to the Construction General Permit and/or that are not covered by

²⁹ State Water Board Order WQ 2022-0057-DWQ and National Pollutant Discharge Elimination System No. CAS000002, and any amendments thereto. Available at: [NPDES 2022 Construction Stormwater General Permit | California State Water Resources Control Board](#)

another condition of this certification, the Licensee shall prepare and implement site-specific Water Quality Monitoring and Protection Plans (WQMP Plans). WQMP Plans shall be based on actual site geologic, soil, and groundwater conditions, and at a minimum shall include, consistent with mitigation measure for Hydrology and Water Quality (WQ)-3):

- Description of site conditions and the proposed activity, including work requiring dewatering, diversion of water, and in-water work.
- Detailed descriptions, design drawings, and specific topographic locations of all control measures in relation to the proposed activity, which may include:
 - Measures to divert runoff away from disturbed land surfaces.
 - Measures to collect and filter runoff from disturbed land surfaces, including sediment ponds at the sites.
 - Measures to dissipate energy and prevent erosion.
 - Measures that will be implemented to protect water quality and beneficial uses.
- Revegetation of disturbed areas, which shall include use of native plants and locally sourced plants and seeds.
- Description of how the Licensee will comply with the Dredge or Fill Procedures, if appropriate.
- Description of monitoring that will be performed, if appropriate, including:
 - A monitoring program to assess potential impacts to water quality associated with the activity, including quality assurance/quality control measures that will be implemented.
 - Water quality monitoring locations for the activity, including background monitoring locations as applicable.
 - A list of parameters that will be monitored, including sampling types and sampling frequency.
 - A reporting schedule for water quality data, including the response and reporting that will be performed in the event of a water quality objective exceedance.

For planned work that involves any instream dewatering, diversion of water, or in-water work, the WQMP Plans shall include the following in addition to applicable requirements stated above:

- Timeframe(s) for required dewatering or diversion work.

- Description of coffer dams or equivalent barriers that will be used to isolate the construction area from instream flows.
- Description of measures, if needed, that will be implemented to avoid potential fish stranding and entrainment. If fish stranding and entrainment are not a concern the plan should provide supporting information for why such measures are not needed.
- Description of how, upon completion of the proposed activity, flow will resume with the least disturbance to the substrate, water quality, and beneficial uses as practical. Planned activities shall not cause increased turbidity greater than allowable levels identified in the Central Valley Basin Plan and any amendments thereto. In determining compliance with the Central Valley Basin Plan, appropriate averaging periods may be applied provided that beneficial uses will be fully protected. The Licensee shall file with FERC the Deputy Director approved WQMP Plans, and any Deputy Director-approved changes thereto. The Licensee shall implement the WQMP Plans upon receipt of Deputy Director and any other required approvals, in accordance with the schedule and requirements specified therein.

The Licensee shall submit WQMP Plans to the Deputy Director for review and consideration for approval at least 120 days prior to the desired start date of the applicable Project activity.

CONDITION 8: Water Temperature

Condition 8 requires the Licensee implement the Water Temperature Measure, as submitted to FERC by PG&E in its April 3, 2023, Supplemental Information Filing in Support of Final Application for New License (PG&E 2023).

The Licensee shall implement the Water Temperature Measure as soon as reasonably practicable but no later than 60 days following issuance of the new FERC Project license

CONDITION 9: Recreation Management

The Licensee shall implement the Recreation Management Plan as submitted to FERC by PG&E on April 3, 2023 (PG&E 2023, Volume III: Exhibit E, Supporting Document A, Environmental Measures/Management and Maintenance Plans, Recreation Management Plan) with the following changes:

- For construction and maintenance related actions in the Recreation Management Plan (e.g., updates to the Smalley Cove Recreation Area and the construction of the Vista Day Use Area), the Licensee shall comply with the construction and maintenance requirements outlined in Condition 7 of this Certification.
- Consistent with the Statewide Bacteria Provisions, the Licensee shall perform periodic recreation related water quality sampling at Project recreation facilities at least every 10 years throughout the term of the new FERC license and any annual license extensions. At a minimum, sampling shall include:
 - Five sample collections at Smalley Cove recreation facilities within a 30-day

period.

- Sampling shall be scheduled to occur during the Independence Day or Memorial Day weekend unless otherwise approved by the Deputy Director.
- Results of recreational water quality monitoring shall be provided to the CDFW, USFWS, Forest Service, BLM, and the State Water Board along with any recommendations to address the results of monitoring. Any recommendations that update the Recreation Management Plan shall be approved by the Deputy Director prior to implementation. The Deputy Director may require additional monitoring or actions based on the results of the recreational water quality monitoring or other information in the record.

Any changes to the Recreation Management Plan shall be approved by the Deputy Director prior to implementation. The Deputy Director may require changes as part of any approval. The Licensee shall file with FERC any Deputy Director-approved updates to the Recreation Management Plan. The Licensee shall implement any Deputy Director-approved updates to the Recreation Management Plan upon receipt of Deputy Director and any other required approvals.

CONDITION 10: Kerckhoff 1 Facilities Retirement

Condition 10 requires the Licensee to develop and submit a Supplemental K1 Facilities Retirement Plan to the Deputy Director for review and consideration for approval. The Supplemental K1 Facilities Retirement Plan shall be developed in consultation with Forest Service, BLM, CDFW, USFWS, and State Water Board staff. The goal of the Supplemental K1 Facilities Retirement Plan shall be to describe how the K1 Powerhouse and associated facilities will be retired and/or modified in a manner that protects water quality. The Licensee shall implement the Deputy Director-approved Supplemental K1 Powerhouse Retirement Plan and any Deputy Director-approved changes thereto upon receipt of Deputy Director and any other required approvals. At a minimum, and unless otherwise approved by the Deputy Director, the Supplemental K1 Powerhouse Retirement Plan shall include (consistent with mitigation measure for Hydrology and Water Quality (WQ)-1):

- Description of K1 facilities retirement and/or modification activities, including any dewatering and diversion activities, and the proposed timeline. At a minimum this shall include:
 - Descriptions of site conditions.
 - Location (coordinates) of all K1 facility retirement and/or modification activities including the K1 intake.
 - Specific actions for retirement and/or modification.
 - Maps and/or drawings illustrating retirement and/or modification activities (e.g., location of concrete batch plants and staging areas).
 - Description of the transport, use, storage, and production of concrete (e.g. K1

Tunnel plug).

- Identification of material amounts for each retirement or modification activity (e.g. concrete, fuels, and lubricants), storage locations, and containment measures.
- Proposed water quality and site condition monitoring, including the schedule, analytical methods, sampling locations, and quality assurance/quality control protocols that will be implemented.
- Proposed BMPs that will be implemented to ensure water quality and beneficial use protection.
- Proposed stabilization actions for disturbed areas, if necessary.
- Revegetation or restoration measures for disturbed areas, which shall include use of native plants and locally sourced plants and seeds if necessary.
- Documentation of consultation with BLM, CDFW, Forest Service, USFWS, and State Water Board staff, including comments and recommendations made in connection with the plan, and a description of how the plan incorporates or addresses the comments and recommendations.
- A list of additional permits and environmental review required for implementation of the plan.
- Format and schedule for reports to document, summarize, and analyze monitoring results. Reporting shall include pre-retirement and post-retirement photos documenting the existing site condition and the stabilized site condition upon completion of retirement activities.

The Licensee shall submit a Supplemental K1 Facilities Retirement Plan to the Deputy Director for review and consideration for approval no later than three years following issuance of the new FERC Project license and at least 12 months in advance of the proposed start of K1 retirement activities.

CONDITION 11: American Shad Spawning

Condition 11 requires the Licensee to implement the American Shad Spawning Season Flow Release Regime Measure as submitted to FERC by PG&E on April 3, 2023 (PG&E 2023, Volume III: Exhibit E, Supporting Document A, Environmental Measures/Management and Maintenance Plans, American Shad Spawning Season Flow Release Regime Measure).

The Licensee shall implement the American Shad Spawning Season Flow Release Regime Measure as soon as reasonably practicable but no later than 60 days following issuance of a new FERC license for the Project

CONDITION 12: Project Roads and Trails Maintenance Condition

Condition 12 requires that the Licensee shall implement the Project Road and Trail Maintenance Plan as submitted to FERC by PG&E on April 3, 2023 (PG&E 2023, Volume III: Exhibit E, Supporting Document A, Environmental Measures/Management and Maintenance Plans, Project Road and Trail Maintenance Plan) with the following changes:

- Section 4.4 – Consultation shall be updated to include consultation with the State Water Board for any non-routine maintenance along Project roads or trails that may result in an impact to water quality or beneficial uses.
- Section 4.6 – Reporting shall be updated to require that the annual Project Roads and Trail Maintenance Summary Report to be submitted to the Deputy Director in addition to BLM and Forest Service.

Any changes to the Project Road and Trail Maintenance Plan shall be approved by the Deputy Director approval prior to implementation. The Deputy Director may require changes as part of any approval. The Licensee shall file with FERC any Deputy Director-approved updates to the Project Road and Trail Maintenance Plan. The Licensee shall implement any Deputy Director-approved updates to the Project Road and Trail Maintenance Plan upon receipt of Deputy Director and any other required approvals.

The Licensee shall implement the Project Road and Trail Maintenance Plan as soon as reasonably practicable but no later than 60 days following issuance of a new FERC license for the Project

CONDITION 13: Monitoring and Adaptive Management

Condition 13 allows for monitoring plans to adaptively change over the license term to ensure adequate environmental resource assessments are performed to inform adaptive management during the term of the new Project license and ensure ongoing water quality protections associated with the Project.

Condition 13(A) requires Licensee shall implement the Aquatic Resources Plan as submitted to FERC by PG&E on April 3, 2023 (PG&E 2023, Volume III: Exhibit E, Supporting Document A, Environmental Measures/Management and Maintenance Plans, Aquatic Resource Plan) and as described in Condition 1 with the following changes:

- Section 4.5.3. Report shall be updated to clarify that the Deputy Director may require changes to the Aquatic Resources Plan or additional actions to ensure protection of water quality and beneficial uses based on the information provided in the reports or other information in the record.

The Licensee shall implement the Aquatic Resource Plan no later than one year following issuance of the new FERC Project license.

Condition 13(B) requires the Licensee to submit a Project Hazardous Materials Management Plan (HMMP) to the Deputy Director for review and consideration of approval. The HMMP shall be developed in consultation with BLM, Forest Service, CDFW, Fresno County, Madera County, Central Valley Regional Water Board, and State Water Board staff. The goal of the HMMP shall be to address the storage, spill prevention, cleanup, and

disposal of oil and hazardous substances associated with Project activities. Unless otherwise approved by the Deputy Director, at a minimum, the HMMP shall include:

- Relevant elements of PG&E's Hazardous Materials Business Plan as filed with the California Environmental Reporting System on May 28, 2025, and December 8, 2025 (California Environmental Reporting System 2025a and 2025b).
- Description of how the Licensee will maintain a cache of spill cleanup equipment in the Project area suitable to contain any spill of hazardous substances associated with the Project.
- Periodic reporting to inform State Water Board and Central Valley Regional Water Board staff of the location of the spill cleanup equipment and of the location, type, and quantity of oil and hazardous substances stored in the Project area.
- BMPs that will be implemented to prevent spills of hazardous substances during routine operations and maintenance activities, including but not limited to secondary containment for hazardous substances, equipment inspection protocols, and staging and storage procedures. BMPs shall include:
 - All hazardous materials shall be contained in appropriate spill-proof containers and/or secondary containment areas and stored in designated areas at least 100 feet away from surface waters.
 - Temporary storage of hazardous materials, equipment staging, servicing and refueling of equipment shall be conducted at designated locations away from surface waters.
 - Hazardous materials and waste generated onsite shall be placed in proper containers, labeled appropriately, and transported from the job site to an authorized hazardous waste consolidation site.
 - All equipment shall be regularly inspected for fluid leaks and signs of worn or damaged parts that may result in a hazardous material release.
- Training provisions for personnel regarding proper hazardous material management.
- Reporting to State Water Board and Central Valley Regional Water Board staff and other relevant agencies of the magnitude, nature, time, date, location, and action taken for any spill.
- A monitoring and reporting component that details water quality monitoring and corrective measures that will be implemented to reduce water quality impacts if spills occur, as well as information on how hazardous materials will be properly disposed of once past their useful life or as part of cleanup activities.
- Evaluation of any release of hazardous substances. This evaluation shall be completed within 120 days of the release and include consultation with appropriate agencies that were part of consultation on the HMMP and a report submitted to the

Deputy Director with any proposed updates to the plan.

- Documentation of consultation with BLM, Forest Service, CDFW, Fresno County, Madera County, Central Valley Regional Water Board, and State Water Board staff, comments and recommendations made in connection with the HMMP, and a description of how the HMMP incorporates or addresses the comments and recommendations.

If hazardous materials are released with the potential to impact surface waters, the Licensee shall immediately cease any activities that resulted in the release and implement measures to limit and clean up the release. The Licensee shall notify the Deputy Director and Central Valley Regional Water Board Executive Officer promptly, and in no case more than 24 hours, following the release. The notice shall include the type and quantity of material released, cause of the release, corrective measures taken, and measures the Licensee will implement to prevent a future release. The Deputy Director may require additional actions to help prevent similar releases in the future. The Licensee may resume work upon Deputy Director approval.

No later than one year following issuance of a new FERC Project license, the Licensee shall submit a Project HMMP to the Deputy Director for review and consideration of approval

Condition 13(C) requires that the Licensee shall implement the Vegetation Management and Pest Control Plan as submitted to FERC by PG&E on April 3, 2023 (PG&E 2023, Volume III: Exhibit E, Supporting Document A, Environmental Measures/Management and Maintenance Plans) with the following changes:

- Section 7.0. Reporting and Consultation shall be updated to clarify that the Deputy Director may require changes to the Vegetation and Pest Control Plan or additional actions to ensure protection of water quality and beneficial uses based on the information provided in the reports or other information in the record.

Any changes to the Vegetation Management and Pest Control Plan shall be approved by the Deputy Director prior to implementation. The Deputy Director may require changes as part of any approval. The Licensee shall file with FERC any Deputy Director-approved updates to the Vegetation Management and Pest Control Plan. The Licensee shall implement any Deputy Director-approved updates to the Vegetation Management and Pest Control Plan upon receipt of Deputy Director and any other required approvals.

No later than six months following issuance of the new FERC Project license, the Licensee shall implement the Vegetation Management and Pest Control Plan.

Condition 13(D) requires the Licensee shall implement the Wildlife Management Plan as submitted to FERC by PG&E on April 3, 2023 (PG&E 2023, Volume III: Exhibit E, Supporting Document A, Environmental Measures/Management and Maintenance Plans) with the following changes:

- Section 5.0 Updates to Wildlife Management Plan shall be updated to clarify that the Deputy Director may require changes to the Wildlife Management Plan or

additional actions to ensure protection of water quality and beneficial uses based on the information provided in the reports or other information in the record.

Any changes to the Wildlife Management Plan shall be approved by the Deputy Director prior to implementation. The Deputy Director may require changes as part of any approval. The Licensee shall file with FERC any Deputy Director-approved updates to the Wildlife Management Plan. The Licensee shall implement any Deputy Director approved updates to the Wildlife Management Plan upon receipt of Deputy Director and any other required approvals.

No later than six months following issuance of the new FERC Project license, the Licensee shall implement the Wildlife Management Plan

Condition 13(E) requires the Licensee to submit an Erosion and ESCP to the Deputy Director for review and consideration of approval. Unless otherwise approved by the Deputy Director, at a minimum, the ESCP shall include the following (consistent with mitigation measure for Geology and Soils (GEO)-1):

- Initial and periodic assessments and monitoring of the Project-affected areas and facilities that could contribute to erosion and/or sediment transport to surface waters.
- Identification of BMPs that will be implemented to control erosion and sedimentation. Unless otherwise approved by the Deputy Director, BMPs shall include BLM and/or Forest Service regulations and guidance (e.g. Forest Plan, Road Management Objectives, BMPs) and be customized to site-specific conditions.
- Criteria for prioritizing and ranking erosion sites for treatment and an associated schedule for treating each site.
- Implementation of effectiveness monitoring. If erosion control measures are not effective, Licensee shall implement additional erosion control measures approved by State Water Board and continue monitoring until the site has stabilized.
- A schedule for treatment (e.g. repair, mitigate, monitor) of sites.
- Protocols for new construction or non-routine maintenance erosion control including:
 - At least 90 days before ground disturbance, the Licensee must prepare site-specific temporary erosion controls and long-term reclamation measures to prevent erosion, sedimentation, dust, and soil movement until permanent measures are in place, and the plan must ensure compliance with the Central Valley Basin Plan, its water quality objectives, and any amendments.
- Protocols for emergency erosion and sediment control.

- Documentation of consultation with Forest Service, BLM, USFWS, CDFW and State Water Board staff comments and recommendations made as part of consultation, and a description of how the ESCP incorporates or addresses the comments and recommendations.
- Format and schedule for reports to document, summarize, and analyze monitoring results and make recommendations. Reports shall include identification of any potential concerns, an assessment of the effectiveness of implemented measures, and any proposed modifications to better address Project-related impacts. Reports shall be submitted to Forest Service, BLM, USFWS, CDFW and State Water Board staff. The Deputy Director may require implementation of additional monitoring or other actions in response to the information provided in the monitoring reports.

Any changes to the ESCP shall be approved by the Deputy Director prior to implementation. The Deputy Director may require changes as part of any approval. The Licensee shall file with FERC the Deputy Director-approved ESCP and any Deputy Director-approved updates thereto. The Licensee shall implement the Deputy Director approved ESCP and any Deputy Director-approved updates thereto upon receipt of Deputy Director and any other required approvals.

No later than one year following issuance of the new FERC Project license, the Licensee shall submit an ESCP to the Deputy Director for review and consideration of approval.

CONDITION 14: Sediment Sluicing Management

Condition 14 requires the Licensee to submit a sediment sluicing management plan to the Deputy Director for review and consideration of approval. At least 120 days prior to the Licensee's desired date to use the LLO for sediment sluicing activities at Kerckhoff Dam, the Licensee shall submit a LLO Sediment Sluicing Management Plan to the Deputy Director for review and consideration of approval.

The plan shall be developed in consultation with Forest Service, BLM, USFWS, CDFW, and State Water Board staff. The LLO Sediment Sluicing Management Plan shall ensure water quality standards are not violated during sediment sluicing activities (consistent with mitigation measure for Hydrology and Water Quality (WQ)-4) and include:

- Identification of how the Licensee will operate the LLOs (e.g., duration, triggers, etc.) for the purpose of sluicing sediment that has accumulated within Kerckhoff Reservoir or on Kerckhoff Dam.
- Comments received from the Forest Service, BLM, USFWS, CDFW, and State Water Board staff during the consultation process and responses or descriptions of how comments were addressed.
- Notification protocols to the consultation agencies prior to and following sediment sluicing.
- How the Licensee will estimate the amount of sediment passed through the outlets.

- Water quality monitoring that will be performed immediately downstream of the Kerckhoff Dam, including collecting turbidity and dissolved oxygen during sediment sluicing operations to ensure compliance with Central Valley Basin Plan water quality objectives and any amendments thereto.
- Reporting on sediment sluicing activities, that includes reporting to the Deputy Director and consultation agencies within 60 days following sluicing activities and includes the following information:
 - A summary of all sediment sluicing activities performed.
 - Information about compliance with this certification condition and details of any failure to meet the certification requirements, including requirements to comply with the Central Valley Basin Plan turbidity water quality objective.
 - A description of sediment conditions in the Kerckhoff Dam Impoundment including results of any recent bathometric surveys.
 - A summary of monitoring data collected and estimated amounts of sediment passed.
 - Any adaptive management measures proposed by the Licensee to address water quality during future sluicing events as informed by water quality monitoring results.

Any changes to the LLO Sediment Sluicing Management Plan shall be approved by the Deputy Director prior to implementation. The Deputy Director may require changes as part of any approval. The Licensee shall file with FERC the Deputy Director-approved LLO Sediment Sluicing Management Plan and any Deputy Director-approved updates thereto. The Licensee shall implement the Deputy Director-approved LLO Sediment Sluicing Management Plan and any Deputy Director-approved updates thereto upon receipt of Deputy Director and any other required approvals.

CONDITION 15: Kerckhoff Advisory Team Annual Meetings

Condition 15 requires the Licensee establish a Kerckhoff Advisory Team (KAT) and host its first annual KAT meeting. KAT meetings shall be held annually prior to April 15 of each calendar year unless otherwise agreed to by the KAT. The purpose of the KAT shall be to discuss implementation of the Project license. Until the ramping study under Condition 3(F) is complete, the meeting shall include a review and discussion of implementation of Condition 3(E), the one-foot-per-hour ramp up requirement. The review shall include the extent to which it was feasible to implement the 1 foot per hour up-ramp rate, what prevented implementation of the rate if applicable, and any actions that could be take in the future to meet the one-foot-per-hour up ramp rate in Condition 3(E). The Licensee shall submit a report to State Water Board staff summarizing the annual meeting no later than 60 days following the KAT meeting. The Licensee may integrate the requirements of this condition with elements of applicable Forest Service and BLM requirements.