



County of Siskiyou Staff Report

Lower Klamath Hydroelectric Decommissioning Project

October 2023

The purpose of this staff report is to inform the Board of Supervisors and the public of the Lower Klamath Hydroelectric Decommissioning Project's (Project) progress every month. The report also includes an update on the County Staff's involvement in the Project, as well as an outline of upcoming activities. While not all areas of interest or concern may be addressed in this report, any questions, comments, or concerns can be directed to the County's email address for the project: lkinfo@co.siskiyou.ca.us.

Project Progress

As a reminder, the Federal Energy Regulatory Commission (FERC) has encouraged KRRC and their contractors to endeavor to comply with local ordinances and permits, although this was not a requirement through the FERC Order. To the extent that local laws or permitting requirements make compliance with FERC's Order impossible or unduly difficult, FERC concluded that such local requirements are preempted. County Staff have been working closely with KRRC and their contractors to urge permit application submittals and good neighbor policies, particularly for those permits that are related to public safety (such as transportation and encroachment permits). For those activities that may be exempt through the FERC Order, County Staff has asked for a written factual/legal justification for why County permits are preempted. In addition, the County is asking that KRRC and their contractors follow standard permit conditions when preemption is requested.

Below is an outline of the major Project activities that occurred in October 2023. Photos of recent Project Activities are included in Appendix A.

- Tree removal in Wards Canyon, just below Copco 2 Dam structure was finished in October. Removal of the trees is necessary for worker and public safety during the drawdown process that's scheduled to begin in January. All trees were removed by hand from the canyon and moved by helicopter to an onsite staging area. The trees will be reused in the restoration efforts.
- Cultural and biological site surveys continuing within the Project Area.
- Flow management coordination for pre-drawdown period is ongoing.
- Maintain temporary best management practices throughout the Project Area.
- Continued ground water well monitoring.
- Continued work on the Emergency Action Plan (EAP) and FERC Dam safety preparedness actions.
- Begin private dock removal on Copco Reservoir. Work to continue through November.
- Mallard Cove Recreation site was closed at the end of October.
- Advance City of Yreka water pipeline.
- Completed the following construction activities at **Copco 1**:
 - Finished dredging upstream debris at the adit and diversion tunnel plug in preparation of drawdown.
 - Low level adit construction – ongoing through November.
 - Steel pipe and final pad construction occurred in October and will continue into November.
- Completed the following construction activities at **Copco 2**:
 - Finished removal of diversion dam and restored volitional passage channel.



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- Final grading and access removal at the dam site completed.
- Final grading and erosion protection completed at the intake closure.
- Completed the installation of the Copco 2 penstock concrete plug.
- Completed the following construction activities at **Copco 2 Village Area**:
 - Fall Creek culvert replacement installation complete.
 - Advancement City of Yreka pipeline installation over the culvert.
 - Completed dry hydrant installations.
- Completed the following construction activities at **Iron Gate Dam**:
 - Tunnel access pad construction.
 - Blind flange closure installed.
 - Left abutment laydown yard completed.
 - Removed muck pile.
 - Installed new vent line.
 - Installation of new boat ramp below Iron Gate and at Fall Creek confluence.

In October, KRRC updated their flow and reservoir management calendar, which outlines the anticipated Copco Reservoir Levels. The calendar for October can be found in Appendix B. In addition, continued planning for the upcoming drawdown occurred in October. Planning activities included:

- Final powerhouse and flowline termination plans with PacifiCorp
- Workplan preparation for dam removal construction
- Emergency Action Planning (EAP) for Drawdown Period
- Update on Public Safety Planning for Drawdown Period
- Low-level outlet opening and reservoir drawdown planning
- Drawdown period compliance requirements, tracking, and reporting
- Update on Site Access Process Protocols and Identified Viewing Areas

Recent FERC Actions

FERC filings related to the Project have continued into October. Filings that occurred in October are summarized in Appendix C of this report. A more detailed explanation of each FERC filing can be found in Appendix D.

County Actions

As a reminder, The Klamath Project Manager (PM) position was contracted at the end of February 2023 to help support the County with the Project. The PM has been working with County Staff to reduce their workload on the project by establishing herself as the County's main point-of-contract (POC) for KRRC, their contractors, and stakeholders (such as the California Department of Fish and Wildlife) for the Project. The County continues to have regularly scheduled update meetings with KRRC and their contractors. Specific topic meetings (i.e., roads and bridges, etc.) will continue throughout the life of the Project as the need arises. Table 2 outlines the County Project activities performed in October 2023.



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Table 1. County Project Activities – October 2023

Dept. / Staff	Activity	Involved Parties	Status
PM	Finalize County Preemption Form – use for KRRC & Contractors	PM	October
PM	Coordination with CDFW on Project	PM	Ongoing
PM	Tracking the submittal, review, and approval (or denial) of each local permit.	PM	Ongoing
PM	Project-wide permit updates to the County. This is in lieu of Camas and McMillen providing on a bi-weekly call.	PM	Ongoing
PM	Weekly project/permit update calls with McMillen & KRRC	PM	Ongoing
PM	Attending agency update meetings hosted by McMillen	PM	Ongoing
PM	Create BOS memo on cultural resources project procedures.	PM	October
PM, PIO, Deputy Administrator	Following up after public meetings in September.	PM, PIO	October
PM, County Staff	Attended initial emergency action plan meeting. Coordination with PIO on public messaging on safety during drawdown.	PM, PIO	October
Community Development & PM	Finalize coordination with KRRC & contractors on sign permit and preemption form.	Project Wide	October
PM & Community Development	Working with RES on proper permitting for installation of fuel tanks.	PM & County Staff	Ongoing
PM, County Administration & PIO	Working together to assist the public and Board of Supervisors in receiving information and communication from KRRC & Contractors (i.e., information on new boat ramp below Iron Gate).	PM & County Staff	Ongoing
PM, PIO	Creation of Project public information materials	PM & County Staff	Ongoing
PM, PIO	Planning of upcoming public outreach meetings in Copco and the downriver communities.	PM & County Staff	October
PM & Public Works	Coordination with KRRC contractors on road damage and maintenance.	PM & County Staff	Ongoing
PM & Public Works	Review of Kiewit & KP Dry & Fall Creek Bridges calculations and work with Public Works on response.	PM & County Staff	October
Public Works	Continuing to review and approve transportation permits, only if the over-dimension loads and extra-legal weight loads fall within the un-shored capacity of both Fall Creek and Dry Creek Bridges. Those in excess (i.e., what the shored bridges are designed to), will not be approved until the bridges are updated.	Public Works	Ongoing

Upcoming Activities - November 2023

Table 3 summarizes the upcoming Project-level and County-specific activities that are proposed to occur in November 2023.



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Table 2. Upcoming Project & County Activities – October 2023

Responsible Party	Activity	Location	Date
KRRC Contractors	Project signage to be installed along roadways within the Project boundary once signage plan is approved by the County.	Project Wide	November
KRRC Contractors	Cultural and biological site surveys for construction activities	Project Wide	Ongoing
KRRC Contractors	Water Quality Monitoring	Project Wide	Ongoing
KRRC Contractors	Advance construction of adit steel pipe and access pad	Copco 1	November
KRRC Contractors	Continue Dam Safety Monitoring	Copco 1	November
PacifiCorp	Advance flow line site cleanup	Copco 2	November
KRRC Contractors	Advance Powerhouse Decommissioning	Copco 2	November
KRRC Contractors	Advance Powerhouse Tailrace Fill Placement	Copco 2	November
KRRC Contractors	Maintain temporary BMPs	Copco 2 Village	Ongoing
KRRC Contractors	Maintain temporary RV park	Copco 2 Village	Ongoing
KRRC Contractors	Advance City of Yreka Pipeline across the Fall Creek culvert	Copco 2 Village	November
KRRC Contractors	Water quality monitoring during in water work	Copco 2 Village	Ongoing
KRRC Contractors	Installation of super-cavitating baffles in outlet tunnel	Iron Gate	December
KRRC Contractors	Removal of access road and pad.	Iron Gate	January 2024
KRRC Contractors	Continuation of private dock removals on Copco Reservoir.	Copco Reservoir	November
KRRC Contractors	Continued discussions on mitigation/fixes to the Fall and Dry Creek bridges	Fall/Dry Creek Bridges	November
PM	Weekly update calls with KRRC Contractors	Project Wide	Ongoing
PM	Continued project meetings with CDFW	Project Wide	Ongoing
PM & Community Development	Work with RES on fuel tank installation permitting	Project Wide	October - December
PM, Public Information Officer (PIO) & Supervisors	Bi-weekly update call with Supervisor Criss & Supervisor Haupt	Project Wide	Ongoing
PM, PIO, and KRRC PIO	Bi-weekly call to discuss upcoming public announcements	Project Wide	Ongoing
Community Development	Approval of Project signage plan.	Project Wide	November
Public Works	Comments on Fall and Dry Creek Bridge reinforcement calculations	Fall/Dry Creek Bridges	November
Public Works, PM, KRRC Contractors	Ongoing meetings to discuss Fall and Dry Creek Bridges & rating calculations	Fall/Dry Creek Bridges	Ongoing
Public Works & PM	Global Transportation Permit development	Project Wide	November - December
Community Development	Approval of wastewater holding and transport	Copco Village	November



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Fish Hatchery Project Progress

As a reminder, the construction activities that are occurring as part of the relocation of the Iron Gate Fish Hatchery to the Fall Creek location, while associated with the Project, are not being completed by KRRC or their contractors. Per the FERC Order, the removal of the facilities at Iron Gate, and new build at Fall Creek is the responsibility of PacifiCorp. PacifiCorp will retain ownership of the lands occupied by the Fall Creek Hatchery, with the California Department of Fish and Wildlife (CDFW) leasing the lands and facilities need to operate the hatchery (see FERC Order, page 61, Section HH, Subsection II).

Below is an outline of the major activities that have occurred as part of the fish hatchery relocation project over the past month:

- Site excavation continued for pipe trenches and place piping and electrical.
- Connecting upstream piping at the meter vault.
- Pre-Engineered Metal Building (PEMB) installation at the Coho Building site in progress. Continued placing piping from building to the raceways.
- Continued coating of Coho Raceway.
- Began running water through the Chinook Incubation building & facilities.
- Began installation of PEMB of the Spawning building.
- Began concrete coating of the adult holding ponds.
- Began concrete work at Dam B.

Upcoming Fish Hatchery Activities

- Continue to excavate electrical conduit.
- Continue flow through Chinook Incubation building and begin to bring flow meters online at the Meter Vault.
- Continue electrical install at the Coho Building.
- Continue coatings on Coho Raceways.
- Begin transferring eggs to the new Chinook Incubation Building on November 10th.
- Finish raceway piping and installation of bird netting at the Chinook Raceways.
- Continue PEMB erection at the Spawning Building.
- Begin coatings on the Adult Holding Ponds.

Additional Information:

- **Initiation of reservoir drawdown is on track to begin on January 4, 2024**
- Klamath Dam Removal Special Meetings will be on hold until January 2024.
 - Information can still be found on the County's Klamath Dam Decommissioning Website (<https://www.co.siskiyou.ca.us/naturalresources/page/klamath-dam-decommissioning-project>).
- We will continue to create staff reports for the Board and the Public which can be accessed on the website.



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- Additional important project information (such as upcoming activities, anticipated heavy traffic, etc.) will be communicated through social media, posted in public locations (such as community centers, grocery stores, etc.).
- Any questions or concerns related to the project, please reach out to us via email: **lkinfo@co.siskiyou.ca.us**.



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Appendix A. Project Photos



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Aerial view showing the overall Copco No. 1 and No. 2 complex.



Face of the plug round after the last blast in the Copco 1 adit at Copco 1.



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Steel extension pipe set in place with rebar at Copco 1.



Copco 1 – framework in place for steel extension pipe.



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First steel extension pipe segment and excavated trench for the second and third segments at Copco 1 adit tunnel.



Dredging and debris barges moored at Copco 1 Dam while dredging in front of the new low-level adit. Debris, including rock and timbers can be seen in the debris barge.



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Background: demolition of the Copco 2 dam intake structure and left abutment. Foreground: drilling holes in preparation for blasting Copco 2 dam and spillway foundation.



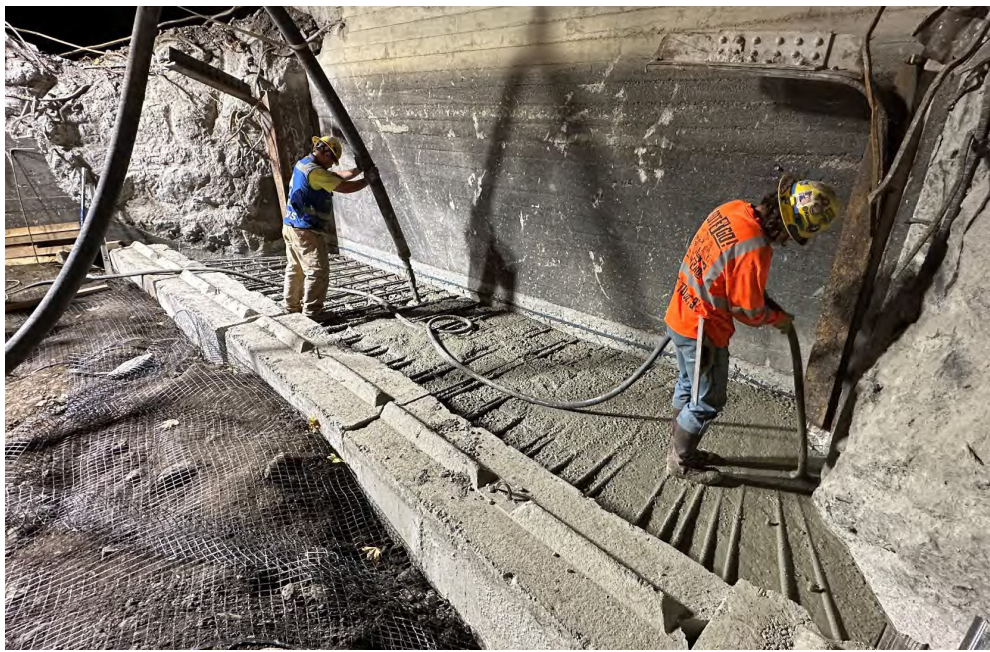
Covering loaded holes with earth fill before first blast at Copco 2 foundation.



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Loading out concrete rubble from first blast at Copco 2 foundation.



Pouring the last lift for the Copco 2 caterpillar gate plug.



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Grading over the former Copco 2 intake structure.



Copco 2 wood stave flowline demolition complete. Concrete supports have been removed and placed to the side in preparation for soil remediation contractor.



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Copco 2 steel penstock thrust blocks have been removed.



Copco 2 lower thrust block exposed in preparation for permanent concrete plug.



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Copco 2 lower thrust block framework and rebar installation for permanent concrete plug.



City of Yreka waterline excavation approach the new Daggett Bridge.



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Welding pipe across the new Daggett Bridge from a snooper truck.



Aerial view of City of Yreka Waterline progress. Excavation is completed from the downstream tie-in to the new Daggett Bridge, and excavation is starting near the upstream tie-in. Pipe has been laid and welded from the downstream tie-in to the new Daggett Bridge and is currently being laid across the bridge.



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Beginning to excavate and lay pipe near the upstream tie-in and the Fall Creek Culvert.



Blind flange closed and new HDPE vent line installed in the tunnel ceiling of Iron Gate.



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Steel wrapper from the super-cavitating baffles, viewed from the upstream side.



Completed Iron Gate boat ramp and dry hydrant.



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Demolishing storage shed near Iron Gate operator houses.



Fall creek hatchery progress at the Chinook Incubation Building.



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Dam A velocity barrier and intake construction.



Pipe installation: Intake to meter vault.



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**Appendix B. Flow and Reservoir
Management Calendar for Copco in
October**



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Anticipated Copco Reservoir Level Cycling Calendar
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Specifics Dates Subject to Change

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				
						Key  Reservoir Levels Rising  Reservoir Levels Lowering



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Appendix C. Recent FERC Filings



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Table 3. Recent Project Actions Submitted Through FERC's eLibrary

Doc #	Date	Filing Type	Filer	Description	Link
1	10/2/23	Comment on Filing	Public Comment	Non-Decisional: Comments of William E. Simpson II dated 09/29/2023 regarding the Klamath Project under P-2082.	https://elibrary.ferc.gov/eLibrary/filelist?accession_number=20231002-4000
2	10/3/23	Comment on Filing	Public Comment	Comment of Torea Rodriguez in Docket(s)/Project(s) P-14803-001, P-2082-063	https://elibrary.ferc.gov/eLibrary/filelist?accession_number=20231003-5000
3	10/3/23	Government Agency Submittal	CA SWRCB	California State Water Resources Control Board submits Notice of Approval of Copco No. 2 Powerhouse Tailrace Fill Water Quality Monitoring and Protection Plan for the Lower Klamath Hydroelectric Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_number=20231003-5110
4	10/3/23	Government Agency Submittal	CA SWRCB	California State Water Resources Control Board submits Notice of Approval of Cool-Water Area Monitoring Report, et al. Water Quality Monitoring and Protection Plan for the Lower Klamath Hydroelectric Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_number=20231003-5111
5	10/3/23	Environmental and Recreational Compliance Report	KRRC	Klamath River Renewal Corporation submits July 2023 Final California Water Quality Monitoring Report for the Lower Klamath Hydroelectric Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_number=20231003-5164
6	10/6/23	Supplemental/Additional Information	KRRC	Klamath River Renewal Corporation submits Approved Documents by the California State Water Resources Control Board on October 3, 2023, for the Lower Klamath Hydroelectric Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_number=20231006-5099
7	10/10/23	Accident Report	KRRC	Klamath River Renewal Corporation submits Response to September 29, 2023, Letter re Human Remains Identified at the Lower Klamath Project under P-14803, et. al.	https://elibrary.ferc.gov/eLibrary/filelist?accession_number=20231010-5068
8	10/10/23	Government Agency Submittal	CA SHPO	Comments of California State Historic Preservation Office re Historic Properties Treatment Plan for the Lower Klamath Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_number=20231010-5072



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Doc #	Date	Filing Type	Filer	Description	Link
9	10/10/23	Environmental and Recreational Compliance Report	KRRC	Klamath River Renewal Corporation submits September 2023 Monthly Report for the California Terrestrial and Wildlife Management Plan for the Lower Klamath Hydroelectric Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_num=20231010-5254
10	10/11/23	Environmental and Recreational Compliance Report	KRRC	Klamath River Renewal Corporation submits Initial Monthly Report for September 2023, for the California Water Quality Monitoring Plan for the Lower Klamath Hydroelectric Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_num=20231011-5163
11	10/16/23	Progress Report	McMillen	Klamath River Renewal Corporation submits Monthly Construction Progress Report for September 2023, for the Lower Klamath Hydroelectric Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_num=20231016-5154
12	10/17/23	FERC Correspondence With Government Agencies	FERC	Letter to Klamath River Renewal Corporation et al. providing comments on the Low-Level Outlet Tunnel and Diversion Tunnel Plug Removal Blasting Plan for the Copco No. 1 Development of the Lower Klamath Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_num=20231017-3092
13	10/20/23	Part 12 Consultant Safety Inspection Reports	KRRC	Klamath River Renewal Corporation submits Plan and Schedule for the Independent Board of Consultants During Construction for the Lower Klamath Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_num=20231020-5025
14	10/27/23	Emergency Action Plan	KRRC	Klamath River Renewal Corporation submits Request for 2023 Emergency Action Plan Exemption Requirements for the Lower Klamath Hydroelectric Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_num=20231027-5093
15	10/27/23	Government Agency Submittal	KRRC	State Water Resources Control Board (CA) submits approval of amendments to Water Quality Monitoring and Protection Plans for Iron Gate Access and Bridge and Culvert Improvements for the Lower Klamath Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_num=20231027-5273
16	10/30/23	Annual Water Quality/Minimum Flow	KRRC	Klamath River Renewal Corporation submits Amended Water Quality Monitoring and Protection Plans for Roads and Bridges and the Outlet Tunnel Access at the Iron Gate Dam of the Lower Klamath Hydroelectric Project under P-14803.	https://elibrary.ferc.gov/eLibrary/filelist?accession_num=20231030-5017



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Doc #	Date	Filing Type	Filer	Description	Link
17	10/30/23	Internal Transmittal Memo	PacifiCorp	Memo dated October 30, 2023 forwarding the U.S. Fish and Wildlife Service's List of Threatened, Endangered, Candidate, and Proposed Species Generated by ECOS-IPaC Website for the Klamath Hydroelectric Project under P-2082.	https://elibrary.ferc.gov/eLibrary/filelist?accession_num=20231030-3023



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Appendix D. FERC Filing Report



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Table 4. Summary of each FERC Filing in October 2023

Doc # (Table 3)	Document Title	Document Summary
1	Native American Burial Site Allegedly Desecrated by KRRRC Contractors	Email from William E Simpson (Bill) that was submitted to FERC. Email references community meeting held at the Copco Community Center in September. Email states that the Sashta Tribal members were not notified of a cultural resources find on the project site. The email also notes that the public roads and bridges are being damaged by contractor heavy/large vehicles.
2	Docket numbers P-14803-001 and P-2082-063	Email from Torea Rodriguez in Bend Oregon showing support of the dam removal project.
3	Approval of Water Quality Monitoring and Protection Plan for Copco No 2 Powerhouse Tailrace Fill	Letter to Laura Hazlett, Chief Operating Officer for KRRRC, from CA State Water Resources Control Board. The letter states that the Copco No. 2 Powerhouse Tailrace Fill Water Quality Monitoring and Protection Plan (WQMPP) submitted to the Water Board in August and updated in September, was approved. WQMPPs are required by Condition 10 of the Project water quality certification to ensure water quality protection for ground disturbing activities that are not covered under a general construction permit. The Copco No. 2 Powerhouse Tailrace Fill WQMPP is for in-water work associated with filling in the Copco No. 2 Powerhouse tailrace. The Copco No. 2 Powerhouse Tailrace Fill WQMPP includes monitoring, adaptive measures, and stop work provisions if the turbidity water quality objectives are not met, consistent with the North Coast Regional Water Quality Control Board practices for restoration projects.
4	Approval of cool-water area monitoring report, plan for periodic quantification of sediment load, and technical memorandum on mainstream salvage of overwintering juvenile salmonids	Letter to Lura Hazlett – COO of KRRRC – from the CA State Water Resources Control Board. The letter is related to the submittal of three documents by KRRRC: Cool-water Area Monitoring Report, Plan for the Periodic Quantification of Sediment Load, and Technical Memorandum of the Mainstem Salvage of Overwintering Juvenile Salmonids. These documents are required by Condition 1 (Water Quality Monitoring); Condition 6 (Mainstem Salvage of Overwintering Juvenile Salmonids); and Condition 14 (Restoration) of the Project’s water quality certification. All three documents were approved by the Water Board.
5	Lower Klamath Hydroelectric Project (FERC No. P-14803-001) July 2023 Final Monthly Report for the California Water Quality Monitoring Plan.	The Report describes the water quality monitoring that KRRRC implemented in July 2023 pursuant to the methodologies and procedures described in detail in the California Water Quality Monitoring Plan. In July 2023, KRRRC conducted continuous water quality monitoring at nine locations, collecting data at all



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	<p>stations at 15-minute intervals. KRRC also collected grab water samples at nine locations, and laboratory results of those analyses have been included in the report. July 2023 was the seventh month of baseline data collection under the Water Quality Monitoring and Management Plan as required by the amended 401 Water Quality Certification of the Lower Klamath Project License Surrender. The continuous monitoring dataset has minimal gaps at two sites remaining in the record, however, the continuous data record for all sites is near-complete. Grab water sampling also resulted in a near-complete set of samples and the results of analysis are attached to this report. The entire data record will be hosted and publicly available by request on the Klamath River Renewal Project Data Management Platform (KRRC DMP or DMP) created by RES (RES, 2022). The DMP will include all monitoring results associated with the Project as well as comparisons between baseline conditions, drawdown conditions, and free-flowing river conditions.</p>
6	<p>Lower Klamath Hydroelectric Project (FERC No. P-14803-001) Copco No. 2 Powerhouse Tailrace Fill Water Quality Monitoring and Protection Plan, Cool-Water Area Monitoring Report, Plan for the Periodic Quantification of Sediment Load, and Technical Memorandum on the Mainstem Salvage of Overwintering Juvenile Salmonids</p> <p>Submittal by KRRC to FERC of the documents approved by the CA State Water Resources Control Board (SWRCB). All four documents meet requirements of the California Clean Water Act Section 401 Water Quality Certification (CA 401 WQC), and are: 1. Water Quality Monitoring and Protection Plan (WQMPP) – Copco No. 2 Powerhouse Tailrace Fill (September 27, 2023); 2. Cool-Water Area Monitoring Report; 3. Plan for the Periodic Quantification of Sediment Load; and 4. Technical Memorandum on the Mainstem Salvage of Overwintering Juvenile Salmonids. The WQMPP describes the Renewal Corporation's means and methods to implement water quality monitoring and protection measures during construction activities associated with the filling of the powerhouse tailrace at the Copco No. 2 Development. The Cool-Water Area Monitoring Report describes cool-water areas between J.C. Boyle Reservoir and Cottonwood Creek and includes methods for monitoring and analysis of the coolwater areas following drawdown, triggers that will guide implementation of adaptive management measures, and a schedule for monitoring, analysis, and reporting of cool-water areas. It was recommended under Section 2.3, Bullet 6 of the Commission's Final Environmental Impact Statement (Final EIS) and was incorporated by the SWRCB into Condition 1 of its CA 401 WQC. The Plan for the Periodic Quantification of Sediment Load includes a methodology for quantification of sediment exported from the reservoirs using suspended sediment concentrations and flow measurements at</p>



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		<p>six United States Geological Survey gage locations on the mainstem Klamath River. It was recommended under Section 2.3, Bullet 4 of the Commission's Final EIS and was incorporated by the SWRCB into Condition 14 of its CA 401 WQC. The Technical Memorandum on the Mainstem Salvage of Overwintering Juvenile Salmonids presents means and methods for sampling, salvage, and relocation of juvenile coho salmon in the mainstem Klamath River and evaluates potential salvage and relocation sites. This technical memorandum describing juvenile coho salvage and relocation prior to reservoir drawdown is required under Section 1.3.7.2 of the Biological Opinion issued by NOAA Fisheries on December 17, 2021.</p>
7	Response to Letter Dated September 29, 2023, Regarding Human Remains Identified at the Lower Klamath Project (P-14803)	<p>Letter from KRRC to FERC in response to the comments made by William Simpson in September regarding the human remains identified during Project implementation. The letter affirms to FERC that KRRC complied with the Historic Properties Management Plan (HPMP) and the Monitoring and Inadvertent Discovery Plan (MIDP) requirements and followed all state and federal laws and regulations regarding the discovery of human remains. These general laws include: California Health and Safety Code § 7050.5(b), California Public Resources Code (PRC) § 5097.94 & 5097.98, and 36 CFR Part 800. No additional information can be viewed as the full response has been deemed confidential as defined in 18CFR§388.112.</p>
8	Section 106 consultation for the Lower Klamath Project (P-14803-001)—Treatment Plan for CA-SIS-2825	<p>Letter to Laura Hazlett, KRRC COO, from the CA Department of Parks and Recreation, Office of Historic Preservation. The letter states that the CA State Historic Preservation Officer (SHPO) received a letter in September from KRRC that provided an assessment of effects for archaeological site CA-SIS-2825 as well as the draft Lower Klamath Project Historic Properties Treatment Plan for Site CASIS-2825 Siskiyou County, CA. The SHPO provided the following comments regarding the discovered archaeological site:</p> <ul style="list-style-type: none">• Pursuant to 36 CFR § 800.4(c)(2), I concur that CA-SIS-2825 is eligible for inclusion in the NRHP under Criteria A and D both individually and as a contributor to the Kikacéki District Traditional Cultural Property;• Pursuant to 36 CFR § 800.5(d)(2), I agree with the assessment that CA-SIS2825 will be adversely affected by the undertaking;• Pursuant to HPTP Section 8.2.5, I disagree that the treatment measures proposed adequately mitigate adverse effects to CA-SIS-2825. The treatment measures are insufficient because they focus on



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		the recovery of important information (Criterion D) and neglect to mitigate adverse effects to the property's association with the historically significant Shasta Indian Village Ík-wí-k and the Kíkacéki District Traditional Cultural Property. I recommend further consultation regarding treatment measures that mitigate adverse effects to both Criterion A and Criterion D NRHP significance values.
9	September 2023 Monthly Report for the California Terrestrial and Wildlife Management Plan	Report submitted by KRRC to FERC. Report summarizes the Project's efforts to comply with the CA Terrestrial and wildlife Management Plan. The Report describes the Renewal Corporation's implementation of terrestrial resource protective measures for the time period of September 1-30, 2023, including monitoring for western pond turtle, nesting birds, willow flycatcher, bats, special status species, foothill yellow-legged frogs, monarch butterfly, locations of wetland buffers, and a summary of crew trainings completed. September 2023 was the ninth month of biological monitoring under the Terrestrial and Wildlife Management Plan as required by the amended 401 Water Quality Certification of the Lower Klamath Project License Surrender. Blue herons, western pond turtles, bats and ospreys were the species most observed in September.
10	September 2023 Initial Monthly Report for the California Water Quality Monitoring Plan	Water Quality Monitoring report submitted to FERC for monitoring efforts in September 2023. Work completed under the California Water Quality Monitoring Plan, a subplan of the Renewal Corporation's Water Quality Monitoring and Management Plan. In September 2023, the Renewal Corporation conducted continuous water quality monitoring at nine locations, collecting data at all stations at 15-minute intervals. The Renewal Corporation also collected grab water samples at nine locations, and laboratory analysis of these water samples is ongoing, and results will be included in a final version of the Report in two to three months, once they become available. September 2023 was the ninth month of baseline data collection under the Water Quality Monitoring and Management Plan as required by the amended 401 Water Quality Certification of the Lower Klamath Project License Surrender.
11	September 2023 Monthly Construction Report	Brief summary report of work completed in September on the Project. The work completed during September 2023 included completion of dredging upstream of Copco No. 1 dam, completion of blasting in the new Copco No. 1 low-level adit, continued demolition of the Copco No. 2 dam foundation, left abutment, and intake structure, tree removal in Ward's Canyon, completion of Copco No. 2 wood stave flowline demolition, continued construction of the City of Yreka



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		waterline, and completion of all modifications in the Iron Gate diversion tunnel except construction of the energy dissipation baffle blocks
12	Low Level Outlet Tunnel (Adit) and Diversion Tunnel Plug Removal Blasting Plan, Copco No. 1 Development, Lower Klamath Project	FERC letter to KRRC to acknowledge McMillen’s letter to KRRC on July 14 th regarding the Low Level Outlet Tunnel (Adit) and Diversion Tunnel Plug Removal Blasting Plan for the Copco No. 1. FERC noted that McMillen has been “n generally complying with the agreed upon pre-blast plan and post-blast report submittal schedule as provided in our July 12, 2023 letter”. However, they acknowledged that Drilltech prematurely drilled holes for the final Adit upstream plug blast prior to submitting the required pre-blast plan. FERC asked that pre-blast drilling and blasting activities cease until after discussions could occur. A meeting was scheduled for October 25 th .
13	Plan and Schedule for the Lower Klamath Project Independent Board of Consultants During Construction.	Letter from KRRC to FERC engineer with the Division of Dam Safety and Inspections. Letter states that KRRC has been in consultation with the Independent Board of Consultants regarding a plan and schedule for the BOC’s review of ongoing construction activities. The BOC has concurred with KRRC’s plans and analyses related to (i) drawdown of all project reservoirs, (ii) removal of dams and associated works at J.C. Boyle and Copco No. 1 developments, and (ii) removal of generating facilities and associated project works at the Iron Gate development, except for the dam itself and such other facilities as may be required to continue interim hydraulic operations. A meeting with the BOC and FERC is planned for March 2024 to seek the BOC’s final concurrence for authorization to remove Iron Gate Dam and related facilities required for interim hydraulic operations. The BOC review of final construction and project outcomes is scheduled for November 2024.
14	2023 Requirements for Emergency Action Plans (EAP) and Exercises Requirements Exemption Request	Letter from KRRC to FERC asking for FERC’s approval to exempt KRRC from the following 2023 EAPs requirements as the new EAP will be in affect starting in January 2024 (drawdown). <ol style="list-style-type: none"> 1. J.C. Boyle Klamath River Campground Fall Audible Siren Test 2. EAP Seminar 3. EAP Notification Chart Calldown Drill 4. EAP Annual Review and Revision 5. EAP Annual Planholder Update 6. EAP Status Report 7. Distribution of EAP Laminated Notification Charts



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15	Approval of amendments to water quality monitoring and protection plans for outlet tunnel access and bridge and culvert improvements	Letter from CA State Water Resources Control Board (SWRCB) to KRRC approving the amended outlet tunnel access at Iron Gate Dam WQMPP, and the amended Bridge and Culvert Improvements WQMPP. Any modifications to the approved amended Outlet Tunnel Access at Iron Gate Dam WQMPP or the approved amended Bridge and Culvert Improvements WQMPP shall be approved by the Deputy Director and filed with FERC and USACE prior to implementation.
16	Amended Water Quality Monitoring and Protection Plans for Roads and Bridges and the Outlet Tunnel Access at Iron Gate Dam	Submittal of the amended water quality monitoring and protection plan for roads and bridges and the outlet tunnel access at Iron Gate to FERC. The WQMPPs describe the Renewal Corporation's means and methods to implement water quality monitoring and protection measures during construction activities. WQMPPs are required by Condition 10 of the California Clean Water Act Section 401 Water Quality Certification.
17	List of Threatened, Endangered, Candidate, and Proposed Species Generated by ECOS-IPaC Website	On October 27, 2023, FERC staff accessed the U.S. Fish and Wildlife Service's (FWS) Information for Planning and Consultation (IPaC) website (https://ipac.ecosphere.fws.gov/) to generate an official list of federally threatened, endangered, candidate, and proposed species, and final and proposed critical habitats that may be affected by action on the amendment application filed by PacifiCorp, licensee, on July 5, 2023. An IPac list is included with this filing.