

February 15, 2023

VIA ELECTRONIC FILING

Kimberly D. Bose
Secretary, Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: Lower Klamath Hydroelectric Project (FERC No. P-14803-001)
January 2023 Monthly Report for the California Terrestrial and Wildlife Management Plan

Dear Secretary Bose:

On behalf of the co-licensees of the Lower Klamath Project, the Klamath River Renewal Corporation (Renewal Corporation) hereby submits our January 2023 monthly report (the Report) under the California Terrestrial and Wildlife Management Plan, a subplan of the Renewal Corporation's Terrestrial and Wildlife Management Plan. The Renewal Corporation implements the Terrestrial and Wildlife Management Plan as approved by the Commission in Ordering Paragraph JJ of its November 17, 2022 License Surrender Order (LSO).

The Renewal Corporation submitted the Report to the California State Water Resources Control Board, California Department of Fish and Wildlife, and United States Fish and Wildlife Service on February 10, 2023. The Report describes the Renewal Corporation's implementation of terrestrial resource protective measures for the time period of January 1-31, 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. The Renewal Corporation makes this Report consistent with our monthly reporting obligation under Section 4.1 of the California Terrestrial and Wildlife Management Plan.

For additional information or questions about this submittal, please contact Dave Coffman, RES, LLC at dcoffman@res.us.

Sincerely,



Mark Bransom
Chief Executive Officer
Klamath River Renewal Corporation

February 14, 2023

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Encl.	January 2023 Monthly Report for the California Terrestrial and Wildlife Management Plan
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eFile:	Kimberly Bose, Secretary, Federal Energy Regulatory Commission Via eFile at www.ferc.gov
cc:	Kevin Takei, California Department of Fish and Wildlife: kevin.takei@wildlife.ca.gov Anika Marriott, Oregon Department of Justice: anika.e.marriott@doj.state.or.us Dustin Till, PacifiCorp: Dustin.Till@pacificorp.com



Transmittal

Attention: Kurt Bainbridge California Department of Fish and Wildlife Philip Meyer California State Water Resources Control Board Jenny Ericson U.S. Fish and Wildlife Service	Date: 2/10/2023	Contract No./RFI No.:
FERC Project Number: No. 14803		Phase No:
To: Kurt Bainbridge, Philip Meyer, Jenny Ericson		Phone:

Regarding: Klamath River Restoration Project – January 2023 Monthly Report for the California Terrestrial and Wildlife Management Plan

- We are sending you:** **Attached** **Under separate cover via _____ the following items**
- | | | | | |
|---|---------------------------------------|--|---|---|
| <input type="checkbox"/> Shop drawings | <input type="checkbox"/> Prints | <input type="checkbox"/> Meeting Minutes | <input checked="" type="checkbox"/> Documents | <input type="checkbox"/> Specifications |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Presentation | <input type="checkbox"/> Invoice | | |

Copies	Date	No.	Description
1	2/10/2023		January 2023 Monthly Report for the California Terrestrial and Wildlife Management Plan

These are transmitted as checked below:

- | | | |
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| <input type="checkbox"/> For approval | <input type="checkbox"/> Approved as submitted | <input type="checkbox"/> Resubmit _____ copies for approval |
| <input checked="" type="checkbox"/> For your use | <input type="checkbox"/> Approved as noted | <input type="checkbox"/> Submit _____ copies for distribution |
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Remarks	
Copy to	File. Signed Mark Bransom <i>Mark Bransom</i>

If enclosures are not as noted, please notify us at once.



**January 2023 Monthly Report for the
California Terrestrial and Wildlife
Management Plan**

Lower Klamath Project

February 2023

Prepared by:

RES, LLC

22 Battery St., Ste. 508 San Francisco, CA 94111

Contact: Gwen Santos

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1.0 Introduction

The Klamath River Renewal Corporation (Renewal Corporation) prepared 16 Management Plans to implement the Definite Decommissioning Plan, and the Federal Energy Regulatory Commission (Commission) reviewed and approved these plans as conditions of its License Surrender Order. These Management Plans were developed in consultation with federal, state, and county governments and tribes. The California Terrestrial and Wildlife Management Plan is one of three sub-plans of the Terrestrial and Wildlife Management Plan to be implemented as part of the Proposed Action for the Lower Klamath Project. The geographic area that encompasses dam removal-related activities associated with the Proposed Action is referred to as the Limits of Work. The Renewal Corporation will implement the management measures described in this management plan within the portions of the Limits of Work that are within the state of California, including any associated buffers for specific species.

The approved Terrestrial and Wildlife Management Plan identifies the terrestrial resource protective measures that the Renewal Corporation will implement. In January 2023, the only project activity relevant to the California Terrestrial and Wildlife Management Plan was Fall Creek Fish Hatchery construction. This monthly report describes the terrestrial resource protective measures that the Renewal Corporation implemented in January 2023 pursuant to the methodologies and procedures described in detail in the California Terrestrial and Wildlife Management Plan. This report has been prepared to meet the conditions of Section 4.1 of the California Terrestrial and Wildlife Management Plan. The biological monitoring activities completed for the time period of January 1–31, 2023 are described below.

2.0 Terrestrial and Wildlife Management Plan Activities Completed During January 2023

In January 2023, the Renewal Corporation implemented terrestrial resource protective measures associated with construction activities at the Fall Creek Fish Hatchery. The California Terrestrial and Wildlife Management Plan contains methodology for monitoring of Western pond turtle (Section 3.1), avian nesting (Section 3.3), willow flycatcher (3.3.2.3), bats (Section 3.6), and other special status species (Section 3.7) including the foothill yellow-legged frog and monarch butterfly. The Terrestrial and Wildlife Management Plan also includes methodology for establishing buffers around non-reservoir dependent wetlands (Section 3.10).

2.1 Western Pond Turtle

Surveys were conducted by RES' Wildlife Biologist, Kym Gibson. No WPT were observed. Additionally, several crew members were trained by Kym Gibson in conducting daily sweeps for overwintering WPT and/or other special status species. Surveys were conducted in the morning and can take up to an hour walking the project site.

2.2 Avian Nesting

No vegetation removal activities occurred during the monthly report timeframe. Work is outside the nesting bird season (April 1–August 31), therefore nesting surveys were not required.

2.3 Willow Flycatcher

No vegetation removal activities, including willow cuttings, occurred during the monthly report timeframe. Work is outside the nesting bird season (April 1–August 31) and willow flycatcher nesting season (June 1–July 31), therefore nesting surveys were not required.

2.4 Bats

No removal of structures containing bats occurred. No visual surveys for bats were conducted.

2.5 Special Status Species Observations

Surveys were conducted by RES' Wildlife Biologist, Kym Gibson. No special status species were observed.

2.6 Foothill Yellow-Legged Frog Observations

Surveys were conducted by RES' Wildlife Biologist, Kym Gibson. No foothill yellow-legged frogs were observed.



2.7 Monarch Butterfly Observations

Surveys were conducted by RES' Wildlife Biologist, Kym Gibson. No monarch butterflies were observed.

2.8 Location of Wetland Buffers Established

Wetland boundary buffers were reviewed prior to the site visit through desktop analysis. No non-reservoir dependent wetlands were present within the Fall Creek Fish Hatchery limits of work. Non-reservoir dependent riparian habitat was identified within the limits of work. Contractors installed avoidance and minimization measures including silt fencing and straw waddles along the limits of work and the Fall Creek boundary. RES' wildlife biologists recorded these boundaries using GPS. Boundaries and photos are included in Appendix A.

2.9 Crew Trainings Completed During January 2023

Biological Resource Awareness Program (BRAP) training was conducted on January 17, 2023 via online webinar with McMillen Corp, JR Merit, and PacifiCorp. In-person training was conducted on site by Kym Gibson on January 23 and 31, 2023. Attendees of the BRAP during the month of January 2023 are listed in Table 1. Table 2 provides a summary of survey results and survey conditions encountered during the site visits.

Table 1. Biological Resource Awareness Program Attendees

Name	Date	Company
Jodi Burns	1/17/2023	McMillen
Tom West	1/17/2023	McMillen
Kris Willett	1/17/2023	McMillen
Fred Behizad	1/17/2023	McMillen
Bob Roach	1/17/2023	PacifiCorp
Brent Denham	1/17/2023	PacifiCorp
Duncan Bagley	1/17/2023	JR Merit
Derek Powers	1/17/2023	JR Merit
Trevor McMaster	1/17/2023	JR Merit
Jason Askim (Site Superintendent)	1/17/2023	JR Merit
Larry Moran (HSSE Lead on Site)	1/17/2023	JR Merit
Maralee Wernz	1/17/2023	AECOM
Kirk Ranzetta	1/17/2023	AECOM
Jennifer Chenoweth	1/17/2023	RES
Erik Stawgof	1/23/2023	MEI
Maurles Stull	1/23/2023	MEI
Austin Howell	1/23/2023	MEI
Mason Meadows Jr.	1/23/2023	MEI
Mason Meadows	1/23/2023	MEI
Joe Glenn	1/23/2023	PEC
Dan Lindgra	1/23/2023	PEC
Ashley McGraw	1/23/2023	AECOM
Jan Jackson	1/23/2023	AECOM
Wehawk Crain	1/23/2023	AECOM
Larry Leonard	1/23/2023	AECOM
Larson Haslam	1/23/2023	McMillen
Michael White	1/31/2023	JR Merit
Dave King	1/31/2023	McMillen

**Table 2. Summary of Survey Results and Survey Conditions**

Species	Date	Time	Coordinates	Weather	Results
WPT	1/23/2023	0745–0930	41.984100, -122.362079; 41.983943, -122.361963	43°F; Sunny	No observations/ No activity
Raptor Nest Survey	1/23/2023	0745–0930	41.983943, -122.361963	43°F; Sunny	No observations/ No activity
WPT	1/31/2023	0715–0800	41.985100, -122.36133	19°F; Cloudy	No observations/ No activity
Raptor Nest Survey	1/31/2023	0715–0800	41.984986, -122.362083; 41.985202, -122.361769; 41.985193, -122.361774	19°F; Cloudy	No observations/ No activity

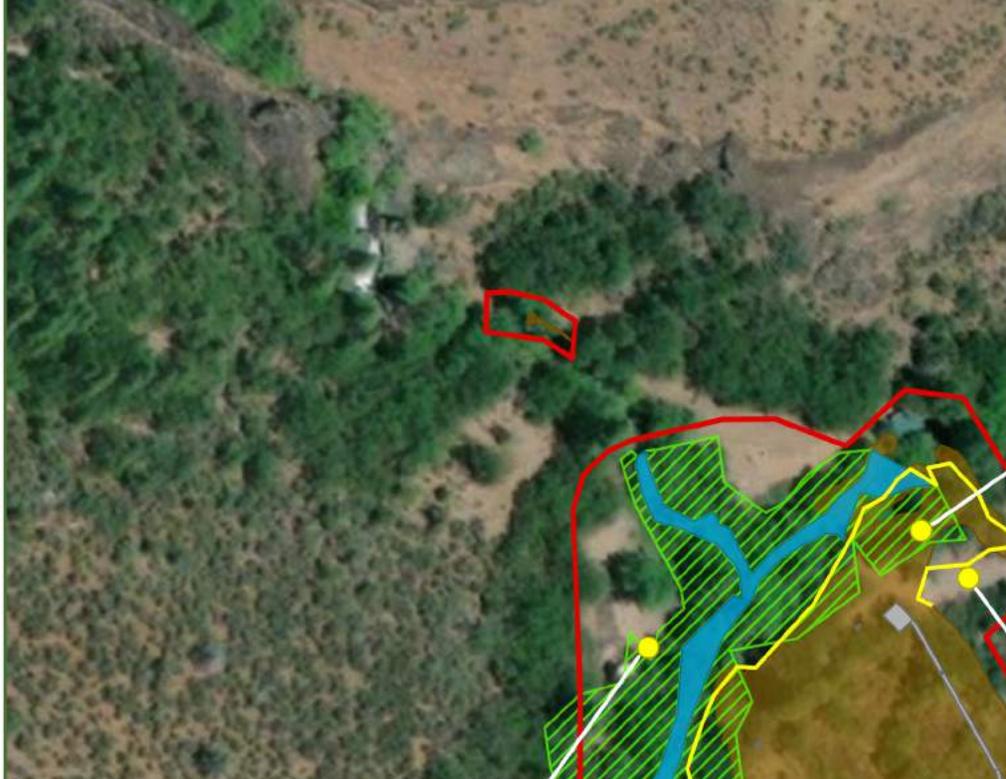
3.0 Summary

January 2023 was the first 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 (State of California, 2022). Construction activities were limited to the Fall Creek Fish Hatchery project. In addition to the survey summary in Table 2, daily sweeps were performed by the construction staff trained under the DB. No special status or native species were observed during January 2023.

4.0 References

Klamath River Renewal Corporation (KRRRC). (2022). *Terrestrial and Wildlife Management Plan*. Retrieved from FERC eLibrary, Accession Number 20221205-5047.

State of California. (2022). Final Water Quality Certification for Lower Klamath Project License Surrender, Ammended November 3, 2022. Sacramento, California: State Water Resources Control Board. Retrieved February 7, 2023, from https://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/lower_klamath_ferc14803.html



North Elevation

LAT: 41.985100 LON: -122.361633 ±13ft ▲ 2510ft

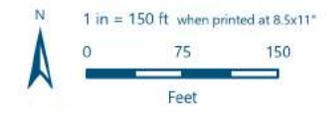


Kym Gibson
Jan 31 2023, 07:28:16
RES
Your Watermark - See Settings

Figure 1
Work Site and BMPs

Fall Creek Hatchery
Siskiyou County, California
122.362°W 41.9847°N

- Photo Points
- Silt Fencing
- Site Limit of Work
- Concrete Design
- Fall Creek
- Riparian Area
- Grading



Reference: Project limits are approximate. The property boundaries depicted on this map have not been surveyed and are for prospect assessment purposes only. This information is not to be used as final legal boundaries.
 Data Source: Grading and LOW received from McMillen Jacobs 2020. Stream and Riparian CDM Smith 2019. Photos by Kym Gibson (RES) 2023.
 Spatial Reference: NAD 1983 UTM Zone 10N
 Date: 2/9/2023
 Project Number: 107489



East Elevation

LAT: 41.985202 LON: -122.361769 ±13ft ▲ 2511ft



Kym Gibson
Jan 31 2023, 07:39:52
RES
Your Watermark - See Settings

North East Elevation

LAT: 41.984955 LON: -122.362561 ±13ft ▲ 2515ft



Kym Gibson
Jan 31 2023, 07:45:31
RES
Your Watermark - See Settings



Document Content(s)

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