



Memorandum

To: Klamath River Renewal Corporation

From: Resource Environmental Solutions
David Coffman, PG

Date: June 8, 2022

Re: **Lower Klamath Project: Restoration 60% Design Summary**

Resource Environmental Solutions, LLC (RES) was retained by the Klamath River Renewal Corporation (Renewal Corporation) to serve as the Habitat Restoration Contractor (Habitat Contractor) for upland, riparian, and aquatic restoration components of the Klamath River Renewal Project (KRRP). The Habitat Contractor teamed with two primary project partners (Stantec Consulting Services, Inc. and the Yurok Tribal Fisheries Program) to progress restoration designs to the 60% level, including a 60% design report, with the primary objective being to develop a Guaranteed Maximum Price (GMP) for implementation of restoration activities within the former JC Boyle, Copco No. 1, Copco No. 2 and Iron Gate reservoir footprints.

Restoration Activities to be performed by the Habitat Contractor related to reservoir area restoration include assisted sediment evacuation, seeding and planting to revegetate exposed reservoir sediments, invasive exotic vegetation species management, and grading and restoration of channels and floodplains of priority tributaries and other near-channel areas within the former reservoir footprints.

Restoration activities planned for the LKP are described in detail in the Reservoir Area Management Plan (RAMP) (December 2021 version), filed with the Federal Energy Regulatory Commission (FERC) on December 14, 2021. The 60% design report provided the basis for the RAMP, which has been reviewed and updated collaboratively with federal and state regulatory agencies and tribes to set the criteria and guidelines under which the 60% restoration design will be advanced, the success criteria and evaluation methods for monitoring and measuring restoration success, and adaptive management considerations for the reservoir restoration areas. Upon completion of the dam removal and final sediment flushing in the spring of 2025, RES will conduct a final LiDAR survey, and issue a 90% design package, including technical specifications, for review and comment by federal and state regulatory agencies. Comments received will be incorporated into a final Issued for Construction package that will be submitted to the FERC for review and approval. prior to the commencement of restoration work.