

January 31, 2023

**VIA ELECTRONIC FILING**

Douglas L. Johnson, P.E.,  
Regional Engineer, FERC-PRO  
805 SW Broadway, Suite 550  
Portland, OR 97205

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) Request for  
Authorization of Ground Exploration Investigation – Septic Tank Percolation Tests**

Dear Mr. Johnson:

On behalf of the co-licensees of the Lower Klamath Project, the Klamath River Renewal Corporation (Renewal Corporation) requests authorization to perform ground disturbing actions to implement measures set forth in the Construction Management Plan, as approved in the Commission's license surrender order in Ordering Paragraph S.<sup>1</sup> The Renewal Corporation is planning to perform percolation test pits for temporary septic tank installation.

Per the Construction Management Plan, the Renewal Corporation plans to develop a temporary on-site septic system and drain field for the construction work camp. The construction work camp will be located within the footprint of the existing Copco No. 2 village where existing residences will be demolished and open space between the remaining structures. The temporary septic system and drain field will be located in the open field just north of the existing Copco Village structures as illustrated on the attached Figure 1. This area is undeveloped, and we believe has a suitable soil profile to support the septic drain field. We are proposing to excavate 4 test pits on the site initially, but this number could grow to 8 test pits if unsuitable soil conditions are found in a test pit. Each test pit will be 4 feet wide by 4 feet deep and 8 feet long. When completed, percolation tests will be conducted in the test pits. The anticipated total disturbed area will be 256 square feet for the actual test pits (assuming all 8 are constructed) with additional vehicle tracking and temporary soil storage on 12,000 square feet of the area. A total of 1,024 cubic yards of material will be removed from the test pits and stored temporarily adjacent to each test pit. When the percolation tests are

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<sup>1</sup> *Order Modifying and Approving Surrender of License and Removal of Project Facilities*, 181 FERC ¶ 61,122 (November 17, 2022).

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completed, the test pits will be backfilled and reseeded. The information obtained from the test pits will be used to confirm the design requirements for the septic drain field.

The domestic water line feeding the Copco No. 2 village extends through this area, as well as overhead power lines on either side of the area (see Figure 1). The overhead power lines are a minimum of 100 feet from the proposed test pit area boundary on the north, east, and west sides. On the south side, the existing access road to the Copco No. 2 powerhouse extends parallel to the test area. The power line feeding the Copco No. 2 village is extends adjacent to the power line. The test pits will be placed a minimum of 50 feet north of the existing access road. Utility locations will be conducted prior to completing the test pits to ensure no existing utilities are damaged during the work effort. The test pits will be located a minimum of 50 feet on either side of this water line. This site has been previously cleared as suitable for use for the temporary septic system and drain field. The Renewal Corporation will have our cultural resource monitor onsite during the test pit excavation to monitor the work. The test pit work has been reviewed and approved by the Renewal Corporation's Chief Dam Safety Engineer (CDSE) since the work area is over 600 feet from the substation and 1200 feet from the Copco No. 2 substation. All test pits will be located within the P-14803 project boundary.

For additional information or questions about this submittal, please contact Mort McMillen at [mortmcmillen@mcmillencorp.com](mailto:mortmcmillen@mcmillencorp.com) or 208-830-1394.

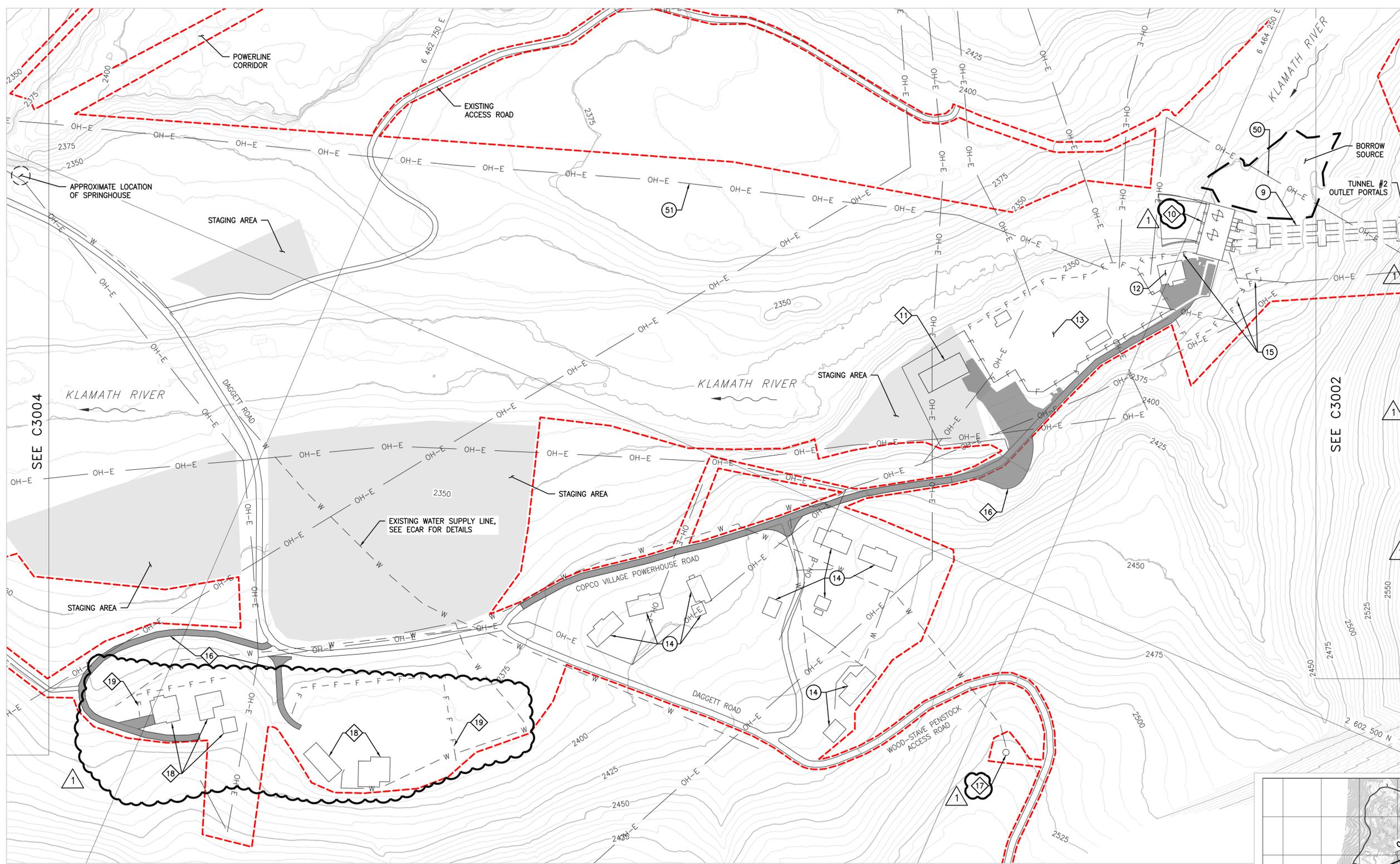
Sincerely,



Mark Bransom  
Chief Executive Officer  
Klamath River Renewal Corporation

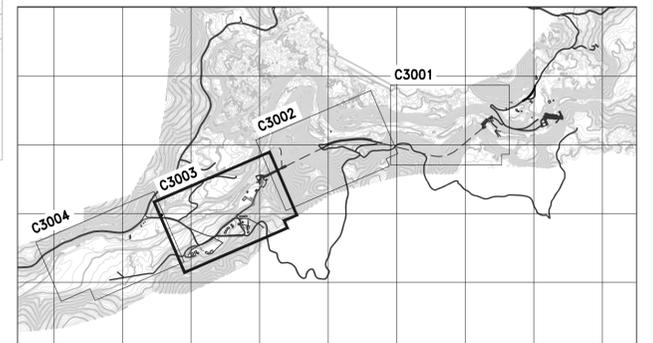
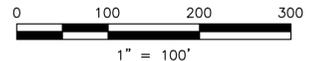
cc: Demian Ebert, PacifiCorp

<b>Encl.</b>	Figure 1 – Proposed Test Pit Locations
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- LEGEND:**
- TO BE REMOVED
  - TO BE MODIFIED
  - ◇ TO BE PROTECTED
  - LIMITS OF WORK
  - OH-E EXISTING OVERHEAD TRANSMISSION LINE
  - ACCESS ROAD LIMITS
  - BORROW SOURCE LIMITS
  - W - WATER SUPPLY EXISTING
  - STAGING AREA
  - EXISTING ASPHALT
- 9 COPCO NO. 2 PENSTOCKS (C3330-C3334)
  - 10 COPCO NO. 2 POWERHOUSE (C3400-C3401)
  - 11 COPCO NO. 2 MAINTENANCE BUILDING
  - 12 COPCO NO. 2 CONTROL CENTER BUILDING
  - 13 COPCO NO. 2 SWITCHYARD (E3032-E3035)
  - 14 COPCO VILLAGE BUILDINGS AND BUNKHOUSE
  - 15 FENCE
  - 16 ASPHALT PAVEMENT
  - 17 WATER TOWER
  - 18 COPCO VILLAGE BUILDINGS AND SCHOOLHOUSE
  - 19 COPCO VILLAGE FENCE
  - 50 LINE 15 TO COPCO NO.2 SUBSTATION TRANSMISSION LINE (E2023)
  - 51 IRON GATE-COPCO NO.2 TRANSMISSION LINE (E3022-E3023)

- NOTES:**
- REFER TO GENERAL NOTES ON DRAWING G0006 FOR INFORMATION REGARDING TOPOGRAPHIC AND BATHYMETRIC DATA SOURCES.
  - REMOVE IDENTIFIED COPCO VILLAGE BUILDINGS AND ASSOCIATED ABOVE GROUND UTILITIES WITHIN LIMITS OF WORK. CONTRACTOR TO FIELD VERIFY UTILITIES PRIOR TO REMOVAL. CONTRACTOR TO COORDINATE WITH KRRC TO DEVELOP CLOSURE AND HANDOVER REQUIREMENTS FOR COPCO NO. 2 VILLAGE BUILDINGS AND UTILITY SERVICES THAT ARE TO REMAIN IN PLACE.
  - REFER TO DRAWING G0002 FOR INDEX FOR COPCO NO. 2 FACILITY DRAWINGS INCLUDING CIVIL, ELECTRICAL, AND SECURITY DISCIPLINE DRAWINGS.
  - THE FULL SCOPE OF THE ELECTRICAL REMOVALS IS SHOWN ON THE E3000 SERIES DRAWINGS.
  - REFER TO 100% DESIGN REPORT (VA103-640/1-9), APPENDIX K HISTORIC DRAWINGS.



PLAN  
1" = 100'

**ISSUED FOR CONSTRUCTION**



REV	DESCRIPTION	BY	CHK	APP	DATE
1	BUILDING/STRUCTURE REMOVAL AND NOTE 2 REVISED	CAV	HE	SRM	12/21/22
0	ISSUED FOR CONSTRUCTION	CAV	HE	SRM	05/27/22

**WARNING**  
0 1/2 1  
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE



DESIGNED	C. VOS
DRAWN	S. CHIZAR
REVIEWED	H. ELWIN
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



PROJECT	<b>KLAMATH RIVER RENEWAL PROJECT</b>	PROJ #	VA103-640/1
DATE	05/27/2022	DWG	<b>C3003</b>
SHEET TITLE	COPCO NO. 2 FACILITY PROJECT OVERVIEW AND LIMITS OF WORK (SHEET 3 OF 4)		

Document Content(s)

LKP Request for Authorization-Septic Tank Perc Tests-(Public)

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