

# SOUTH SWP HYDROPOWER

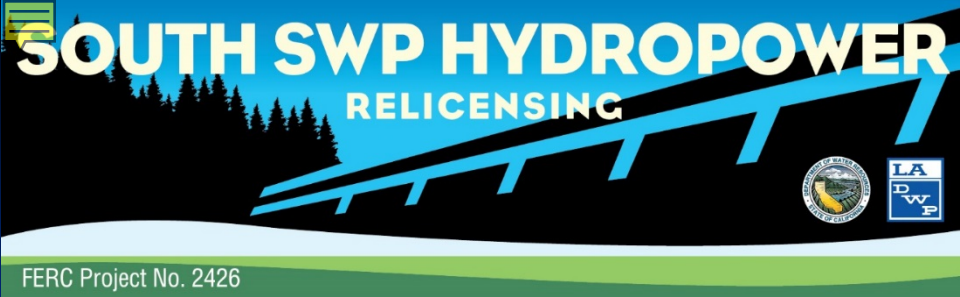
## RELICENSING



FERC Project No. 2426

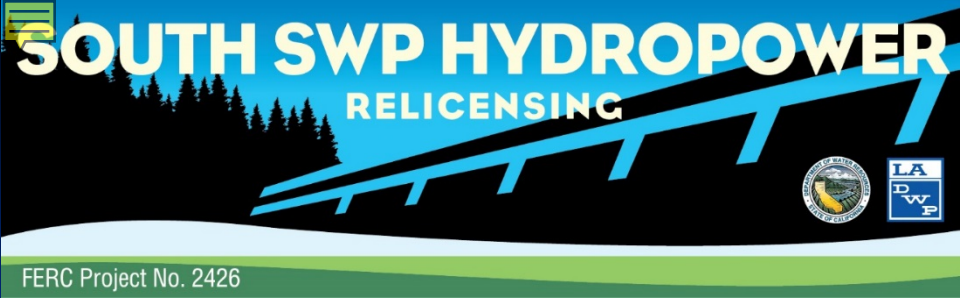
## Focused Study Plan Meetings Summary

March 1, March 2, March 3, March 7, and March 8, 2017



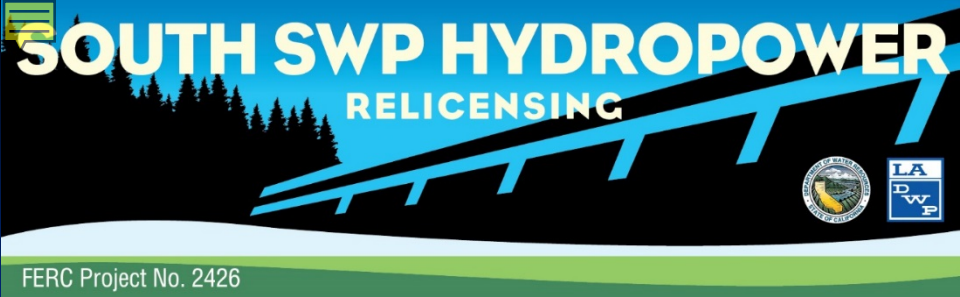
# Indicators of Hydrologic Alteration (IHA)

- Nathan Fisch to check in with management on ramping rate. – by 3/8
- After receiving Nathan's information, Licensees will redline the study plan and get it back to the agencies for a final look. – by 3/15
- Keep tracked changes on.



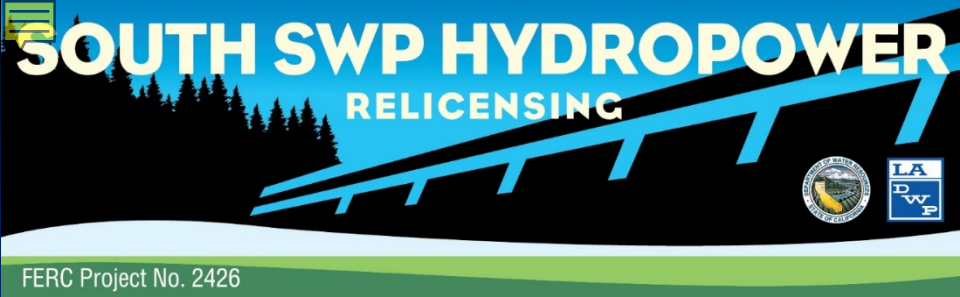
# Water Quality and Temperature

- Off the table for now.



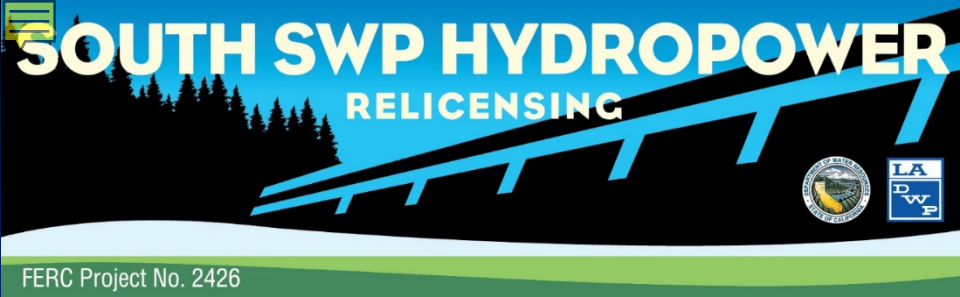
# Aquatic Invasive Species

- Off the table for now.
- Jennifer Pareti will provide existing information on AIS in Pyramid Reach.
  - by 3/8



# Quail Lake Fish Populations

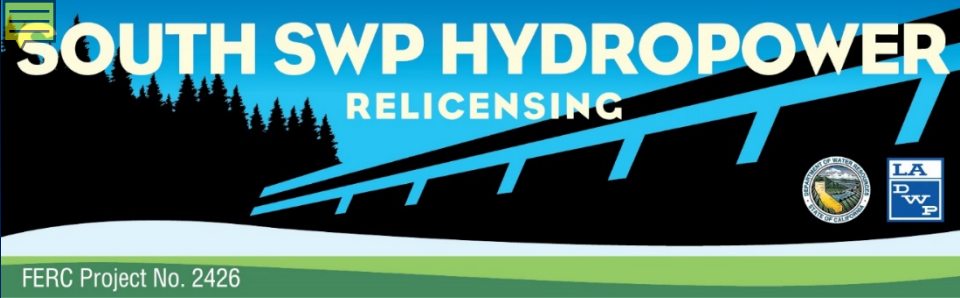
- Licensees will redline the study plan and get it back to the agencies for a final look. – by 3/8
- Keep tracked changes on.



## Fish Passage (Pyramid Lake tributary access) (Methods)

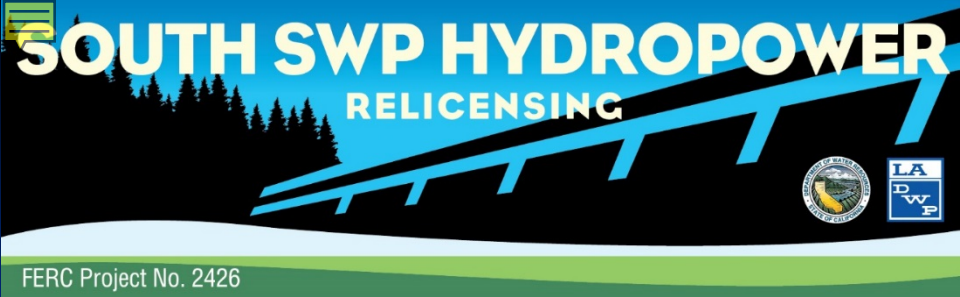
- Jennifer Pareti to provide data form / checklist for data reporting for Licensees to review. – by 3/8
- After receiving Jennifer's information, Licensees to add clarification on methods to the study plan; Licensees will then redline the study plan and get it back to the Relicensing Participants for a final look. – by 3/15
- Keep tracked changes on.





# Pyramid Reach Fish Populations

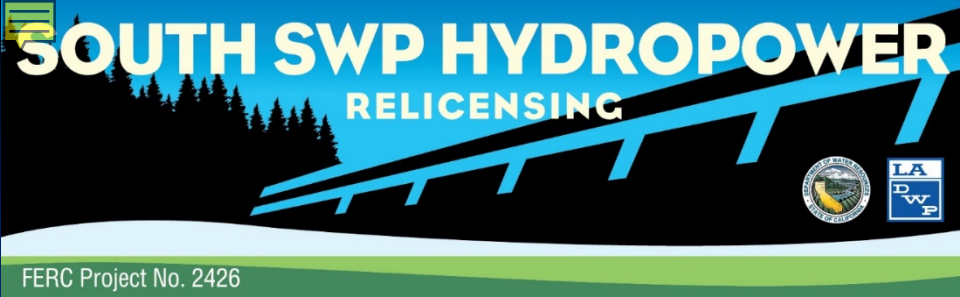
- Off the table for now.



## Fish Entrainment

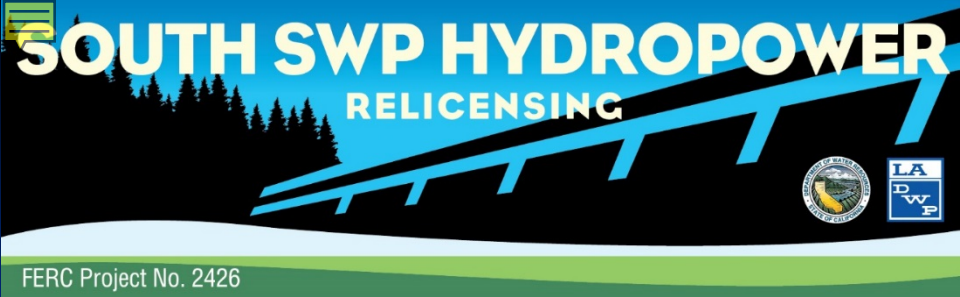
- Jennifer Pareti will check in with management and get back to Licensees. – by 3/8
- After receiving information from Jennifer, Licensees and Relicensing Participants will decide next steps. – No specific date





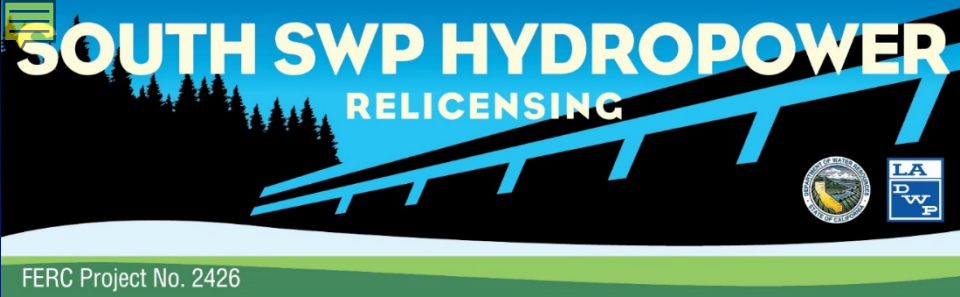
# Benthic Macroinvertebrates (Methods)

- Kristie Klose to provide more information and detail on SWAMP Protocols. – by 3/15
- Relicensing Participants to rethink their strategy and get back to Licensees. – by 3/15
- After receiving information from Kristie and other Relicensing Participants, Licensees and Relicensing Participants will decide next steps. –  
No specific date



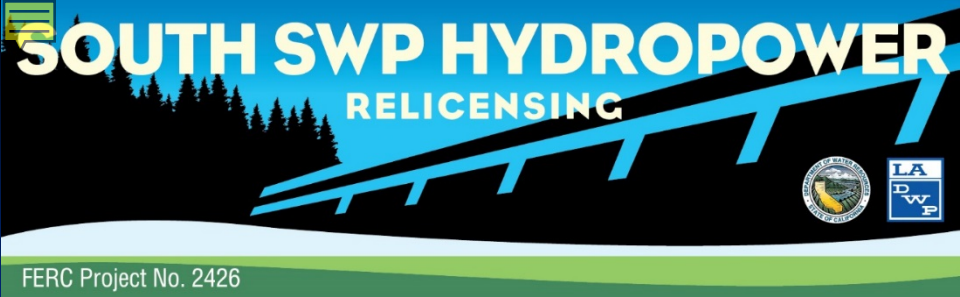
# Geomorphology / Large Woody Debris (Methods)

- Licensees to check with expert on Rosgen protocols quoted in Relicensing Participant markup. – by 3/8
- Relicensing Participants to inform licensees of which protocols need to be flushed out. – by 3/15
- Relicensing Participants will consider what “trigger” would lead to a sediment transport model and notify Licensees. – by 3/15
- After receiving information from Relicensing Participants, Licensees and Relicensing Participants will decide next steps. – No specific date



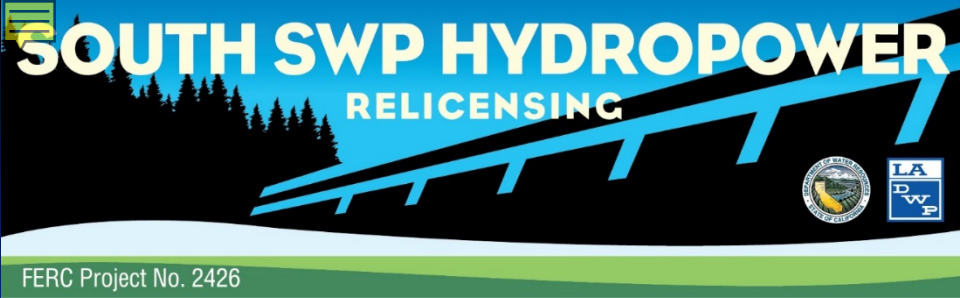
## Recreation

- Off the table for now.
- Jose to provide survey questionnaire to Licensees.
- Licensees to provide Hardluck history to Relicensing Participants. – by 3/8
- Jose to provide Hardluck history information to Licensees. – by 3/8



## Visual Quality

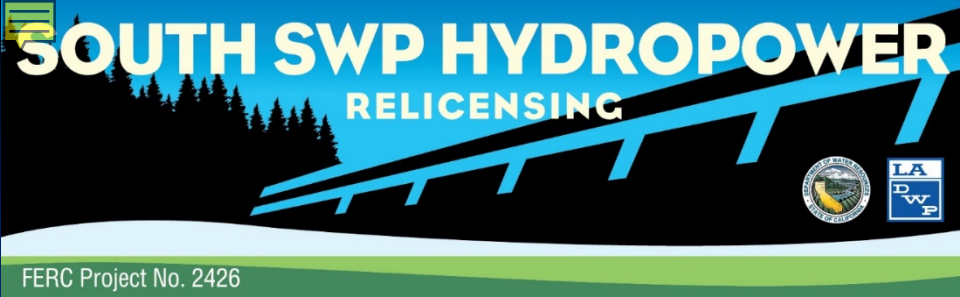
- Licensees to redline the study plan and provide back to the Relicensing Participants. – by 3/15
- Keep tracked changes on.



# Whitewater Boating (Methods)

- Off the table for now.

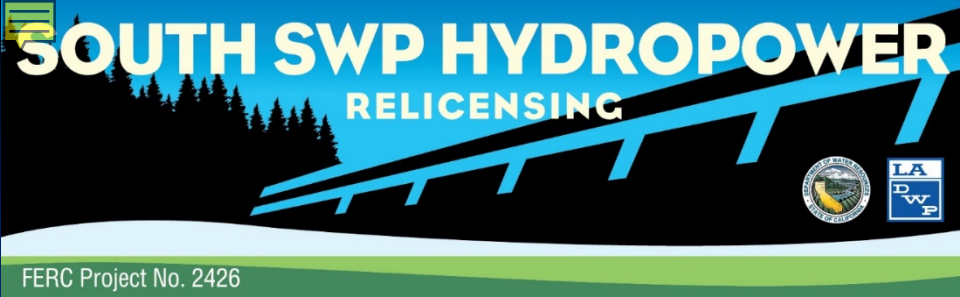




# ESA-Listed Amphibians – California Red Legged Frog

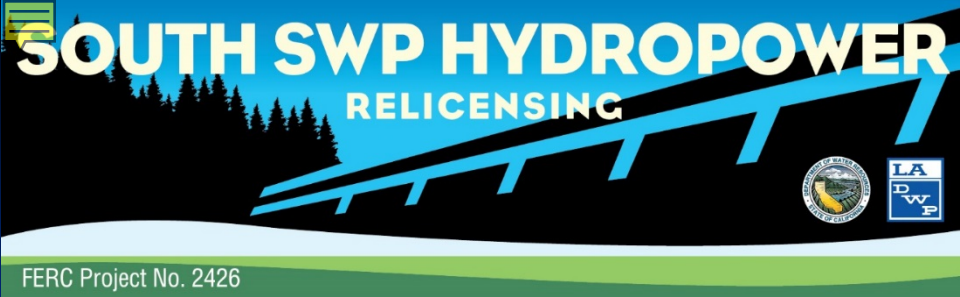
- Off the table for now.
- Licensees to provide list of Project roads and shoulder widths info to Kelly Schmoker – by 3/22
- Licensees to research arroyo toad surveys near Castaic Catch basins and any other arroyo toad surveys around Elderberry and provide to Relicensing Participants – by 3/22





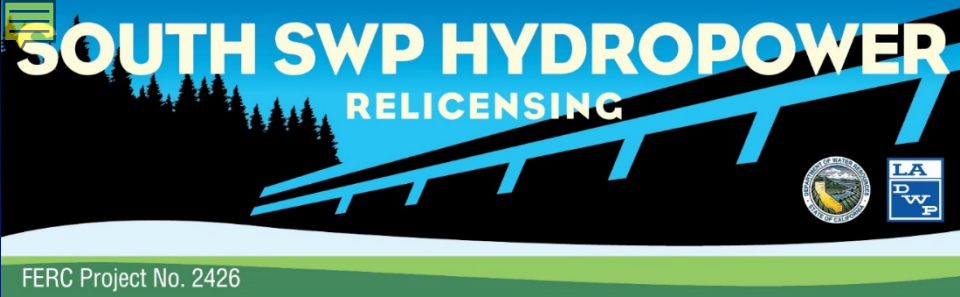
# Special-Status Aquatic Amphibian & Semi Aquatic Snakes

- Off the table for now.
- Relicensing Participants to review wording on decontamination in the *Aquatic Invasive Species* study plan and advise Licensees if any modification to wording is recommended. – by 3/22
- Licensees to provide decontamination protocol / wording in all field work related study plans. – by RSP



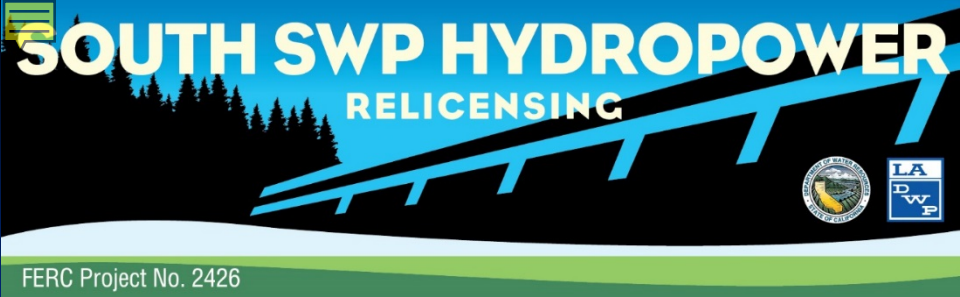
# ESA-Listed Riparian Bird Species

- Off the table for now.



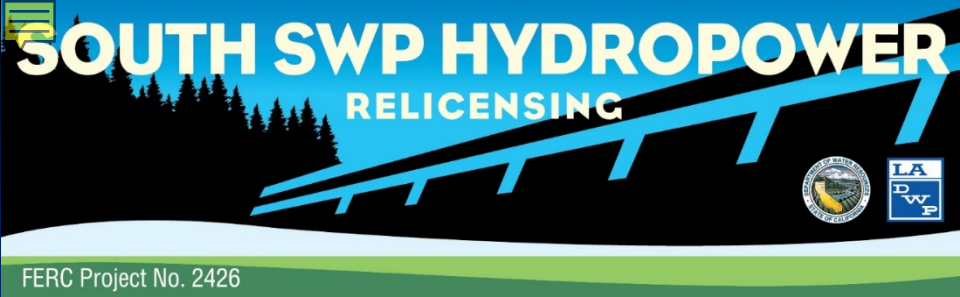
## Raptors (Methods)

- Off the table for now.
- Relicensing Participants (Kellie Schmoker) to provide study plans used on other relicensings that have a 5 mile buffer for bald eagle and other raptors. – by 3/22



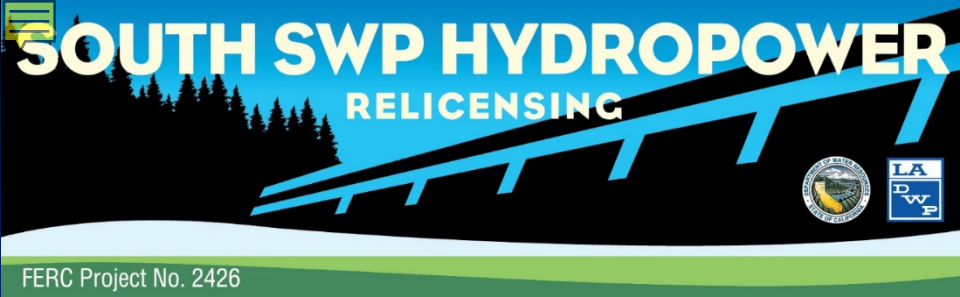
# Special-Status Terrestrial Wildlife Species - CWHR

- Off the table for now.
- Kellie Schmoker to email link to South Coast missing linkages for wildlife connectivity to Licensees. – by 3/22



# ESA-Listed Terrestrial Wildlife Species - CWHR

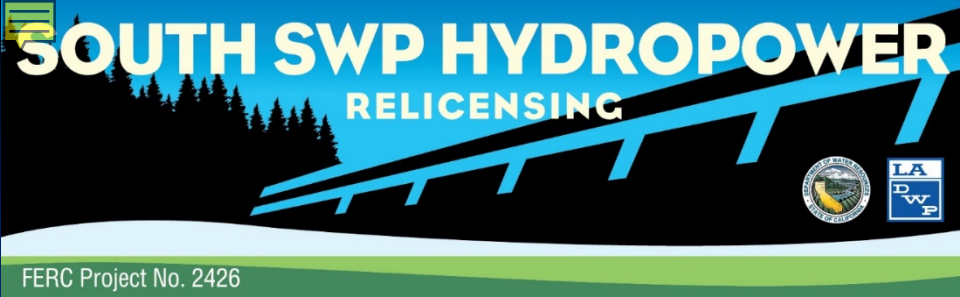
- Off the table for now.
- Relicensing Participants to provide non-invasive ringtail assessment methods to Licensees. – by 3/22



# Botanical Resources

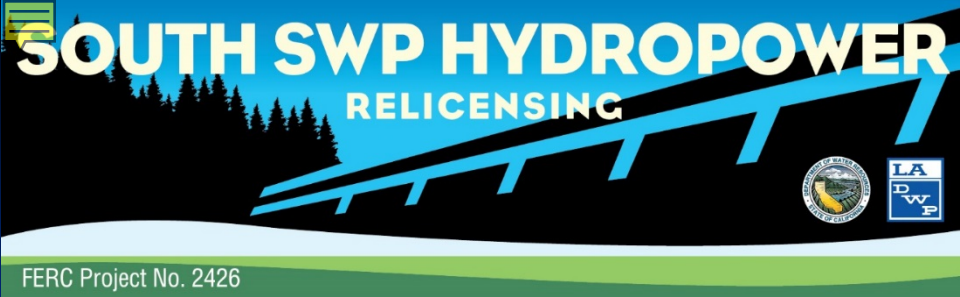
- Off the table for now.
- Licensees to reword introduction to clearly state that study will not cover jurisdictional wetlands. – by RSP
- Licensees to reword study to state that wetlands and riparian assessment will be ecological based and will not be based on vegetation classifications. – by RSP
- Licensees to clearly differentiate the three components of the study in the goals section. – by RSP
- Licensees to map occurrences outside the study area up to 100 ft. noting any area beyond. – by RSP
- Licensees to update other studies as necessary to better clarify CalVeg usage. – by RSP





# Non-Native Invasive Plants

- Off the table for now.
- Licensees to map occurrences outside the study area up to 100 ft. noting any area beyond. – by RSP



## ESA-Listed Plants

- Off the table for now.
- See botanical list for action items.