

Kerckhoff Hydroelectric Project Public Scoping Meetings

(FERC Project No. 96)

February 13, 2018
(Fresno, CA)

State Water Resources Control Board
(State Water Board)
Division of Water Rights
Philip Choy– Project Manager



Outline

- Background
 - State Water Boards Mission
 - Organization of State and Regional Boards
- Role of the State Water Board in Hydropower Relicensing
 - 401 Water Quality Certification
 - Protection of Beneficial Uses
- CEQA
- Next Steps

Mission Statement of the Boards

“To preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations.”

Organization of the Water Boards

- Nine Regional Water Quality Control Boards
 - Basin Plans
 - TMDLs
- State Water Board -Division of Water Rights
 - Water rights administration
 - Balancing beneficial uses of water



Role of the State Water Board in Hydropower Relicensing

- The State Water Board is the agency tasked with the protection of water quality and beneficial uses for the State of California, and is authorized via Section 401 of the Clean Water Act, to condition the construction, maintenance and operation of hydroelectric projects to ensure compliance with water quality objectives and other requirements of state law.
- Issuance of a Water Quality Certification (WQC) involves:
 - Protecting water quality;
 - Balancing beneficial uses of water;
 - Recognizing existing water right holders.
- Nothing in WQC can preempt Federal Law. WQC conditions become a mandatory part of the FERC license.



TABLE II-1 (cont'd)

SURFACE WATER BODIES AND BENEFICIAL USES

SURFACE WATER BODIES	HYDRO UNIT NUMBER	MUN	AGRI-CULTURE			INDUSTRY			RECREATION			FRESHWATER HABITAT (2)		MIGRATION		SPAWNING		WILD	NAV
			MUNICIPAL AND DOMESTIC SUPPLY	IRRIGATION	STOCK WATERING	PROC	IND	POW	REC-1	REC-2	WARM	COLD	MIGR (3)	COLD (4)	WARM (3)	COLD (4)			
																	AGR		
55 PUTAH CREEK	512.21	E	E	E			P	E		E	E	E			E	E			
56 LAKE BERRYESSA	510/511	E	E	E			E	E	E	E	E	P			E	E			
OTHER LAKES AND RESERVOIRS IN SACRAMENTO R. BASIN 5A (6)		E	E	E	E		E	E	E	E	E	E			E	E			
57 COSUMNES RIVER	532.	E	E					E		E		E				E	E		
58 SOURCES TO NASHVILLE RESERVOIR (PROPOSED)	532.	P					P	P		P		P			P	P			
59 NASHVILLE RESERVOIR (PROPOSED)	531/532	E	E	E				E	E	E	E	E	E	E	E	E	E		
60 SOURCE TO DELTA																			
60 MOKELUMNE RIVER	532.6	E						E	E	E	E	E	E	E	E	E	E		
61 SOURCES TO PARDEE RESERVOIR	532.6	E						E	E	E	E	E	E	E	E	E	E		
62 PARDEE RESERVOIR (7)	531.2	E	E	E				E	E	E	E	E	E	E	E	E	E		
62 CAMANCHE RESERVOIR																			
63 CAMANCHE RESERVOIR TO DELTA	531.2		E	E				E	E	E	E	E	E	E	E	E	E		
64 CALAVERAS RIVER																			
64 SOURCE TO NEW HOGAN RESERVOIR	533.							E	E	E	E	E	E	E	E	E	E		
65 NEW HOGAN RESERVOIR	533.1							E	E	E	E	E	E	E	E	E	E		
66 NEW HOGAN RESERVOIR TO DELTA	531.3	E	E	E	P	P		E	E	E	E	E	E	E	E	E	E		
OTHER LAKES AND RESERVOIRS IN HYDRO UNIT NOS. 531, 532, 533, 543, 544 (6)		E	E	E	E			E	E	E	E	E	E	E	E	E	E		
67 SAN JOAQUIN RIVER	540.	E	E	E				E	E	E	E	E	E	E	E	E	E		
67 SOURCES TO MILLERTON LAKE																			
68 MILLERTON LAKE	540.12	P	E	E	E			P	E	P	P	P	P	P	P	P	P		
69 FRIANT DAM TO MENDOTA POOL	545.	E	E	E	E	E			E	E	E	E	E	E	E	E	P	E	
70 MENDOTA DAM TO SACK DAM	545.1	P	E	E	E	E			E	E	E	E	E	E	E	E	P	E	
71 SACK DAM TO MOUTH OF MERCED RIVER	535.7	P	E	E	E	E			E	E	E	E	E	E	E	E	P	E	
72 FRESNO RIVER																			
72 SOURCE TO HIDDEN RESERVOIR A/	539.31	E	E	E				E		E	E	E					E		
73 HIDDEN RESERVOIR A/	539.32	E		E				E		E	E	E					E		
74 HIDDEN RESERVOIR TO SAN JOAQUIN RIVER	545.	P	E	E				E	P	E	E	E					E		
75 CHOWCHILLA RIVER																			
75 SOURCE TO BUCHANAN RESERVOIR B/	539.11							E		E	E	E					E		
76 BUCHANAN RESERVOIR B/	539.12	E	E	E				E		E	E	E					E		
77 BUCHANAN DAM TO SAN JOAQUIN RIVER	535/545	P	E		E			E	P	E	E	E					E		

California Environmental Quality Act (CEQA)

- Issuance of a WQC is a discretionary action requiring compliance with CEQA.
 - State Water Board will be the lead agency.
 - State Water Board will draft an MOU with PG&E and PGE's consultant to develop the CEQA document.
- CEQA document will be used to:
 - Assess the Kerckhoff Project and the level of significance of any impacts;
 - Aid in the development of protection, mitigation, and enhancement conditions in the WQC;
 - Evaluate potential impacts from the implementation of conditions of the WQC.
- The type of CEQA document (EIR, MND, ND) has not been determined.

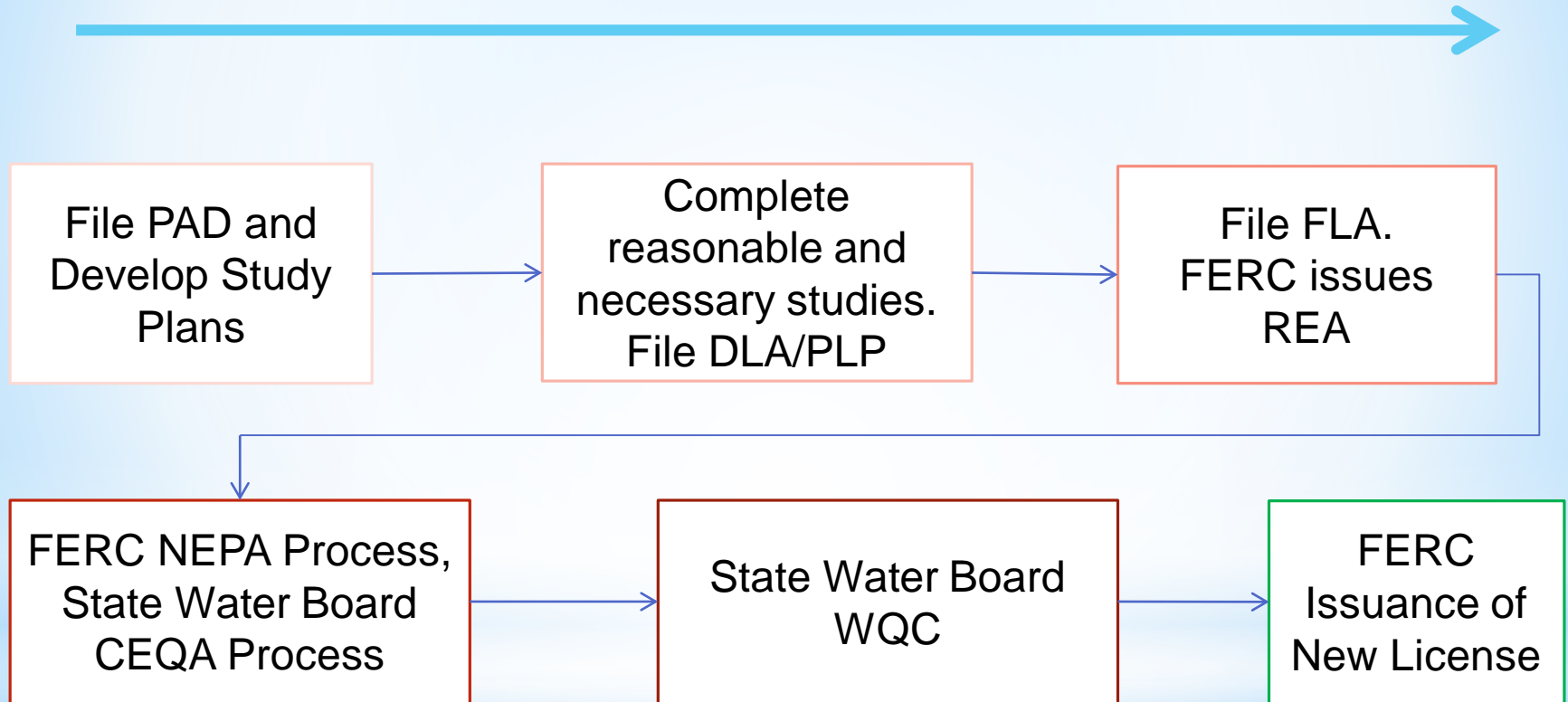
California Environmental Quality Act (CEQA)

State Water Board is seeking comments on:

- Type of CEQA document that should be prepared;
- Potential impacts that should be analyzed;
- Project alternatives.

Accepting written comments until 2:00 pm (Pacific Standard Time) on March 17, 2018.

General Next Steps (Integrated Licensing Process)



Contact Information

Additional Program Information can be found:

http://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/

To receive future updates, sign up online to receive emails at:

http://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml

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Water Quality Certification Program

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