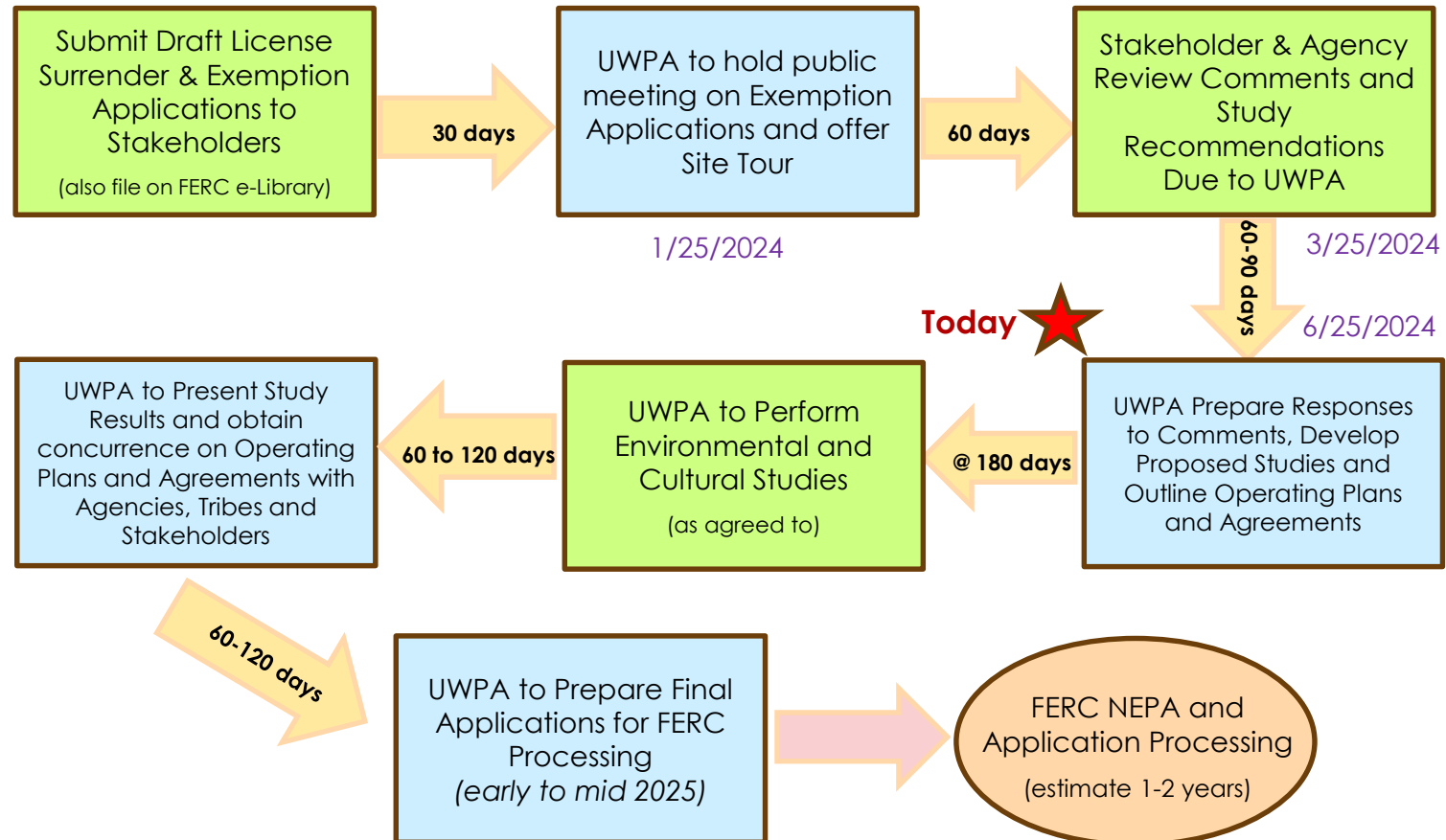




Utica FERC Exemption Update

FERC Conduit Exemption Application UWPA Timeline and General Process



Potential Studies and Cost Ranges

Combine

Combine

Individual Studies

#	Study Description	Recommended (yes/no/modify)	Low Range	High Range	Additional Comments
1	Foothill Yellow Legged Frog (FYLF)	Yes	\$ 75,000	\$ 175,000	Recommend phased approach for implementation
2	California Red Legged Frog (CRLF)	Modify	\$ 10,000	\$ 30,000	more data required, add on to FYLF study
3	Western Pond Turtle (WPT)	Modify	\$ 10,000	\$ 50,000	eDNA, if ir becomes an issue, include trapping.
4	Fish Studies (trout, catfish, etc.)	Yes	\$ 75,000	\$ 150,000	Recommend electro-fishing; avoid snorkel surveys
5	Water Quality	Yes	\$ 100,000	\$ 250,000	Required study 401 WQ cert; wet season/dry season sampling
6	Benthic Macroinvertebrate (BMI)	No to Modify	\$ 10,000	\$ 150,000	SWAMP protocol study; if needed, perform w/ other field work
7	Aquatic Invasive Species (AIS)	No to Modify	\$ 5,000	\$ 50,000	Address this through WQ studies; adjacent observations
8	Wildlife Entrapment (Canals/Flumes)	Modify	\$ 5,000	\$ 50,000	Limit to visual inspections of canals/flumes; O&M reporting
9	Instream Flow Study	No	\$ 100,000	\$ 400,000	Can previous (PG&E) studies be used? Costly, avoid if possible.
10	SHPO Section 106 Studies & Reporting	Yes	\$ 350,000	\$ 400,000	Attempt to use existing data as much as possible to lower costs
			\$ 740,000	\$ 1,705,000	
* Costs are approximate; may be higher based on agency requirements (i.e., Take Permits, sampling procedures).					

Other Recommended/Required Activities

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- A. Finalization of CE Applications
 - B. USFS Special Use Authorization Permit (required)
 - C. SWRCB 401 Water Quality Certification (likely required)
 - D. CEQA Initial Study for 401 WQ Cert (required)
 - E. SHPO/Section 106 Studies & Consultation (required)
 - Phased approach, utilize as much as previous info as possible
 - Potential to be costly, depending on tribal/SHPO needs
 - F. Biological Assessment (USFWS)/Biological Evaluation (USFS)
 - Depending on data collection results (species presence)

High Level Cost Estimates (2024 – 2026)

Cost Element	2024 Costs		2025 Costs		2026 Costs	
	Lower End	Upper End	Lower End	Upper End	Lower End	Upper End
Ongoing Stantec Strategic and Regulatory Support	\$ 40,000	\$ 60,000	\$ 60,000	\$ 100,000	\$ -	\$ 25,000
Recommended Studies	\$ 225,000	\$ 650,000	\$ 50,000	\$ 55,000	\$ -	\$ -
Other Potential Studies (Modified or Unplanned)	\$ -	\$ -	\$ 115,000	\$ 550,000	\$ -	\$ -
Final CE Applications	\$ 30,000	\$ 50,000	\$ 10,000	\$ 25,000	\$ -	\$ 10,000
USFS Special Use Authorization Permit	\$ 5,000	\$ 25,000	\$ -	\$ 10,000	\$ -	\$ -
CEQA Initial Study/ 401 WQ Certificate	\$ 10,000	\$ 25,000	\$ 30,000	\$ 100,000	\$ -	\$ 25,000
SHPO/Section 106	\$ 175,000	\$ 200,000	\$ 175,000	\$ 200,000	\$ -	\$ -
Biological Assessment/ Biological Evaluation	\$ 10,000	\$ 50,000	\$ 30,000	\$ 100,000	\$ -	\$ 25,000
Summary of Costs	\$ 495,000	\$ 1,060,000	\$ 470,000	\$ 1,140,000	\$ -	\$ 85,000
Low End Estimate Range	\$ 850,000	\$ 965,000	(higher cost assumes "not recommended" studies performed)			
Upper End Estimate Range	\$ 1,735,000	\$ 2,285,000	(higher cost assumes "not recommended" studies performed)			