

DOCKETED

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Topic	Study	Date	Survey Period Covered	Protocol Resurvey Requirement, if Any	Applicant Comments on Study	Planned Survey and Study Updates
Site Characterization	Site Characterization Study Report	January 2017	NA (Desktop Assessment)	None	Provides early-stage desktop review of historical natural resources and potential habitat data.	No update recommended.
Rare Plants	Rare Plant Surveys and Natural Vegetation Community Mapping	October 2018	Spring/Summer 2018	CDFW 2018 protocol references the following: "In forested areas, surveys at intervals of 5 years may adequately represent current conditions", then goes on to reference timber harvest review guidance for rare plants, which states "surveys should normally be re-conducted if the site has not been surveyed in the past 5 years".	The 2018 survey covered initial corridors, which largely overlap the present layout. The 2019 survey focused on newly added corridors, primarily in the southern portion of the project area, much of which is no longer included in the current project layout. The 2021 Survey covered new corridors not surveyed in 2018 or 2019, which were not substantial in size. No rare plants were documented. Given that plants are largely immobile and past surveys found no rare plants, the chance of finding rare plants is extremely low given little (if any) change in survey areas. The County's FEIR included a Mitigation Measure (MM) for resurvey if >5 years had passed since past surveys. To supplement prior rare plant surveys and in coordination with the CEC, rare plant "spot-check" surveys were conducted at 20 sites considered to have a higher likelihood for presence of rare plants that could occur in the Project area: wet montane meadows, mixed montane riparian scrub, mixed montane riparian forest, and rock outcrops in particular. Spot check survey in 2023 confirmed the previously documented low likelihood of rare plant occurrence.	PLANNED SURVEYS: Pre-construction resurvey of any areas where 5 years have passed since completion of rare plant surveys.
	Rare Plant Surveys and Natural Vegetation Community Mapping	December 2019	Spring/Summer 2019			
	2021 Rare Plant Surveys	October 2021	Spring/Summer 2021			
	Rare Plant Spot Check Survey	September 2023	June/August 2023			
Avian Use	Year 1 Avian Use Study Report and Risk Assessment	November 2018	Spring 2017–Spring 2018	None	The results of the Year 1 surveys indicated the risks of collision of bald eagles, golden eagles, northern goshawks, northern harriers, sandhill cranes, and American white pelicans with Project turbines at the Project site are anticipated to be low, and that the risks of collision of olive-sided flycatcher, yellow warbler, and Vaux's swift are anticipated to be low to moderate. Results of the Year 2 surveys were consistent with the results of the initial year of study, both in species composition and seasonal and spatial trends in use.	Species assemblage is unlikely to have changed in the landscape and no newly listed species are known to occur within the Project area, and additional surveys and studies other than listed below would not provide improvement in risk analysis. PLANNED SURVEYS: 1. If construction vegetation clearing is planned to occur during the avian nesting season (March 1–August 15): pre-construction avian nesting surveys, including raptor nest surveys to identify raptor nests within 500 feet of proposed work areas. 3. Post-construction Mortality Monitoring (PCMM) to provide estimates of actual impacts.
	Results of the Year 2 Avian Use Study at the Fountain Wind Project	September 2019	Spring 2018–Spring 2019	None		
Great Gray Owl	Great Gray Owl Habitat Assessment	October 2018	NA (Desktop Assessment+ confirmatory field assessment)	None	Based on the desktop review and field assessment, no habitat within the Project area meets the criteria of suitable great gray owl nesting or foraging habitat.	Habitat has not changed/improved, hence additional surveys are not warranted.

Bats	Bat Desktop Assessment	2017	NA (Desktop Assessment)	NA	No newly listed species or other key issues that would necessitate an update to this report.	Species assemblage is unlikely to have changed in the landscape, and no additional species have been newly listed, hence additional acoustic surveys are not warranted as they would provide no material improvement in risk analysis, particularly given the lack of correlation between pre-construction acoustic data and collision impacts. PLANNED SURVEYS: Pre-construction clearance surveys to address potential impacts to roost sites (e.g., large trees with hollows, etc.).
	Bat Acoustic Survey Report	October 2018	Spring–Fall 2017	None	Data suggest that bat fatality patterns at the Project would primarily consist of fatalities of hoary bats, silver-haired bats, and Mexican free-tailed bats during the late summer and fall migration period.	
Raptors (nest surveys and studies)	2017 Raptor Nest Survey Report for the Fountain Wind Project	September 2018	2017 Nesting Season	None, only specification is minimum 2 years of pre-construction surveys	Eleven occupied bald eagle nests and zero golden eagle nests documented within the 10-mi survey area. The closest occupied bald eagle nest was approximately 2.9 miles east of the Project site boundary, with all other occupied bald eagle nests more than 4.2 miles from the Project site boundary. Nests of other raptor species included two osprey nests within one mile, one red-tailed hawk nest about 1.5 miles, and two unoccupied nests located within 1.3 miles of the Project site boundary.	Species assemblage is unlikely to have changed in the landscape and no newly listed species are known to occur within the Project Area, and additional surveys and studies other than listed below would not provide improvement in risk analysis. PLANNED SURVEYS: 1. Updated raptor nest surveys to be completed in early 2024. 2. If construction vegetation clearing is planned to occur during the avian nesting season (March 1-August 15): pre-construction avian surveys, including raptor nest surveys to identify raptor nests within 500 feet of proposed work areas. 3. Post-construction Mortality Monitoring (PCMM) to provide estimates of actual impacts.
	MEMO: Request for clarifications on 2017 and 2018 Raptor Nest Survey Reports	January 2019	Clarification of 2017/2018 survey results requested by County CEQA contractor	NA	Memo provided clarification on prior reports. No need to update.	
	2019 Raptor Nest Survey Report	September 2019	2019 Nesting Season	None	Results largely consistent with 2017 results, with 13 bald eagle nests found, the closest of which was about 3 miles from the Project site boundary.	
Eagles (nest surveys)	2018 Eagle Nest Status Survey Report	September 2018	2018 Nesting Season	None, only specification is minimum 2 years of pre-construction surveys	No eagle nests (current or historical) are known to exist within 2 miles of the Project site, and high-quality nesting habitat (cliffs, large dominant trees, prey resources) is limited within the Project area.	PLANNED SURVEYS: 1. If construction is planned to occur during the eagle nesting season, preconstruction avian surveys, including eagle nesting surveys of suitable habitat, to determine whether eagles are actively nesting or maintaining territories within 2 miles of the Project construction boundary. 2. Post-construction Mortality Monitoring (PCMM) to provide estimates of actual impacts.
Northern	2018 Northern Goshawk Nest Survey Results	October 2018	2018 Nesting Season	None	No northern goshawk nests have been documented in the Project Area since 2003 according to CNDDB, and surveys	PLANNED SURVEYS: 1. If construction is planned to occur during the nesting season for northern goshawk (March 1–August 31) and prior to any disturbance of forest habitats that fit the nesting criteria of northern goshawks, acoustic surveys for northern goshawk to

Goshawk	2021 Northern Goshawk Nest Survey Results	October 2021	2021 Nesting Season	None	in 2018 and 2021 resulted in no evidence of nesting northern goshawk.	goshawks, acoustic surveys for northern goshawk to confirm probable absence within suitable nesting habitat. 2. Post-construction Mortality Monitoring (PCMM) to provide estimates of actual impacts.
California Spotted Owl	California Spotted Owl Risk Assessment	February 2020	NA (Pre-con Desktop Assessment)	None	Risk assessment based on historical data. Historical data have not changed, nor has the habitat condition improved for CSO within the Project area due to on-going commercial timber harvest activity	PLANNED SURVEYS: If construction is planned to occur during the avian nesting season (March 1- August 15): pre-construction avian surveys, including raptor nest surveys to identify raptor nests within 500 feet of proposed work areas. Additional surveys may be necessary to maintain consistency in documenting the lack of use within proposed development areas and meet survey requirements for listed species.
	2021 California Spotted Owl Survey Results	October 2021	2021 Nesting Season	Even though it is unlisted, focused CSO surveys were conducted at the request of CDFW. No CSO protocol exists, so applicant voluntarily followed protocol for federally/state listed NSO in terms of survey methods.	Habitat for CSO has not changed for the better, rather additional harvest activity has further reduced the amount of older forest within the Project area. The nearest CSO nest/territory (0.4 mi from the nearest turbine) is outside the Project area.	
	2023 California Spotted Owl (CSO) Surveys	November 2023	2023 Nesting Season	CSO is a species of special concern in California, but not currently listed at state or federal level. However, CSO is proposed for listing a threatened species under the federal ESA. Surveys were conducted in 2023 using the NSO survey protocol methodologies to document potential presence of CSO.	Additional timber harvest activity has further reduced the amount of older forest within the Project area and continued to impact CSO habitat suitability. The closest historical CSO nest/territory is outside the Project area. Surveys in 2023 documented CSO activity in the eastern portions of the historical activity center east of the Project site, and in an area to the south of the Project, but no activity within 0.25 mile of any proposed development.	
Willow Flycatcher	2018 Willow Flycatcher Survey Results	October 2018	2018 Nesting Season	Only specifies protocol is good for the year of survey.	Habitats were marginal in 2 of the 3 areas surveyed. No willow flycatchers were documented during the 2018 surveys. Apart from one access road where potential widening could occur, no willow flycatcher habitat is likely to be modified.	PLANNED SURVEYS: If construction is planned to occur during the avian nesting season (March 1- August 15): pre-construction protocol surveys of suitable willow flycatcher nesting habitat within 300' of potential disturbance areas.
	Willow Flycatcher 2019 Supplemental Habitat Assessment	November 2019	NA	NA (no field surveys conducted)	One potential habitat area, not in an area of potential disturbance, was visited and determined to be non-suitable. Habitat conditions have not changed in the time since surveys to warrant any additional willow flycatcher studies or habitat evaluations.	
Foothill Yellow-legged Frog and Cascades Frog	2018 Foothill yellow-legged frog and Cascades frog habitat assessments and surveys	October 2018	September 2018	None	Protocol calls for spring-fall surveys for at least one year. One Visual Encounter survey was conducted in September and nothing was found. Habitat was considered marginal at best.	With poor habitat and nothing found, additional surveys are not likely to provide different results. No further surveys planned.
	2018/2019 Foothill Yellow-legged Frog and Cascades Frog Assessment	December 2019	June 2019	None	Additional surveys were conducted in new development areas not surveyed in 2018, as well as areas suitable habitats surveyed in 2018. June survey conducted for egg masses and adults, and none were found. A field visit was also completed in July 2019 with CDFW herpetologist, and habitats were confirmed as marginal CDFW.	

	2019 eDNA Surveys for Foothill Yellow-legged Frog	January 2020	September 2019	None	eDNA sampling conducted throughout the Project Area in potentially suitable streams. No evidence of foothill yellow-legged frog found.	
California Condor	California Condor Risk Assessment Memo	February 2020	NA (Pre-con Desktop Assessment)	NA	Since this report was prepared, condors have been introduced to the north coast; the 2020 memorandum was written in anticipation of their reintroduction. Based on the distance of the project from the proposed northern California reintroduction site and other site-specific factors, the potential for condors to regularly forage or roost within the Project site is believed to be low.	No condor-specific surveys planned.
Nocturnal Migrants	Nocturnal Migrant Risk Summary	October 2018	NA (Pre-con Desktop Assessment)	NA	Desktop risk assessment concluded nocturnal radar studies at the Project site are unlikely to inform risk considerations and are unwarranted.	No new information is available that would change the conclusions of the report. No additional surveys planned.
Multiple Species	Response to CDFW Informal Consultation Request for Use Permit 16-007	November 2018	NA	None	Nothing to update. Provides responses to CDFW's initial request for informal consultation.	No further action required.