State of California Department of Fish and Wildlife
DUTY STATEMENT **E-R6 ESNM 25-001**
DFW 242A (REV. 07/18/22)

☒ **PROPOSED**
☐ **CURRENT**

Department Statement:

California is one of the most biodiverse places on the planet. As such, the Department of Fish and Wildlife (CDFW) values diverse employees working together to protect nature for all Californians. CDFW is committed to fostering an inclusive work environment where all backgrounds, cultures, and personal experiences can thrive and connect others to our critical mission.

INSTRUCTIONS: A duty statement and organizational chart must be submitted with each Request for Personnel Action, Form 242	EFFECTIVE DATE

DFW DIVISION/BRANCH/REGION/OFFICE Inland Deserts Region 6/ Bishop	POSITION NUMBER (Agency-Unit-Class-Serial) 565-603-0762-022
UNIT NAME AND LOCATION Wildlife Sierra, Bishop	CLASS TITLE Environmental Scientist
INCUMBENT	CURRENT POSITION NUMBER (Agency-Unit-Class-Serial)

BRIEFLY DESCRIBE THE POSITION'S ORGANIZATION SETTING AND MAJOR FUNCTIONS

Under close supervision of the Senior Environmental Scientist Supervisor, the position will be located within the Inland Deserts Region's Wildlife Sierra Program. The incumbent will design and support efforts related to Sierra Nevada Bighorn Sheep, mule deer and other wildlife species management needs as directed.

PERCENTAGE OF TIME PERFORMING DUTIES	INDICATE THE DUTIES AND RESPONSIBILITIES ASSIGNED TO THE POSITION AND THE PERCENTAGE OF TIME SPENT ON EACH. GROUP RELATED TASKS UNDER THE SAME PERCENTAGE WITH THE HIGHEST PERCENTAGE FIRST. (USE THE REVERSE SIDE IF NECESSARY.)
	ESSENTIAL FUNCTIONS:
35%	POPULATION MONITORING and MODELING: Participate in population monitoring (ground, fixed wing and helicopter population surveys and captures) to ensure data quality. Deploy GPS collars, collect nutritional data, collect habitat data, conduct disease surveillance and genetic sampling and manage large datasets derived from such sampling efforts. Use model results to inform population trends for reintroduction and augmentation of Sierra bighorn within historical range. Assist with human-wildlife conflict response. Prepare reports, translocation plans, and publications related to population status and trends.
20%	DISEASE AND MORTALITY MANAGEMENT: Assist in responding to wildlife disease, predation, and monitoring (e.g. Respiratory Disease, Chronic Wasting disease), including humanely euthanizing animals, performing necropsies, and collecting biological samples for laboratory testing. Participate in the development of strategies to manage wildlife disease and minimize risk where feasible. Assist in modeling risk on contact between bighorn sheep and domestic livestock and between wild herds. Assist in modeling disease spread and management options for controlling disease spread in the event of an outbreak.
20%	DATA ANALYSIS: Conduct preliminary analysis of biotic and abiotic threats to the recovery of Sierra bighorn and mule deer populations. Conduct preliminary analysis of large-scale climate data to project and interpret its effects on Sierra bighorn recovery and mule deer. Conduct preliminary analysis of environmental, habitat, and predation threats that influence progress towards recovery goals. Use results of analyses to ensure population persistence. Write draft reports, publications, and intra-departmental documents in support of the program. Participate in review project proposals to protect valuable habitats. Participate in other species projects within the wildlife and lands unit and assist in meeting objectives for population monitoring within the Wildlife Program. Run integrated population models that use estimates of abundance, vital rates, and spatial data for Sierra bighorn and other big game species. Use geographic information systems and statistical methods, such as resource selection functions, integrated step selection analyses, and hidden Markov models, to identify and model habitat use and migratory behavior. Use model results to inform population trends

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	to support management goals.
10%	ENVIRONMENTAL PLANNING AND REVIEW: Provide input in support of the Department's responsibilities under the National Environmental Policy Act, the Endangered Species Act, California Environmental Quality Act, California Endangered Species Act, Lands Acquisition Program, and review Local, State, and Federal Projects. Review methods and standards for population and habitat assessment and provide biological information and evaluation of project impacts, mitigation and compensation actions and habitat sites for those primary species of responsibility within the Wildlife Programs Branch. Prepare documents required to implement habitat improvement projects and species monitoring and management projects. Participate in revising and updating joint Federal and State Recovery Plan.
10%	ADMINISTRATIVE DUTIES: Monitor program expenditures and submit draft purchase requests for gear, equipment, collars and coordinate with contractors or vendors. Complete timesheets and travel claims.
5%	**NON-ESSENTIAL FUNCTIONS:** Respond to routine public inquiries related to species biology, hunting regulations, and Recovery Program activities.
	WORKING CONDITIONS: Must be able to work in various habitats including but not limited to high altitudes (8,000 – 14,000 feet), arid environments and valley, grassland, conifer and riparian habitats, in inclement weather, and in rugged backcountry terrain during all months of the year. This position will require wildlife restraint certification to chemically immobilize animals. Travel up to 40% multiple nights for fieldwork and will attend meetings and conferences as directed. This position offers the possibility of an office-centered telework agreement based on the Department's current Telework Policy. As a condition of employment, the incumbent may be required to wear an appropriate uniform consistent with CDFW's Operations Manual (Section 12901) for various work situations, including field surveys and public interaction, both within and outside the Region as required by the supervisor.

SUPERVISOR'S STATEMENT: **I HAVE DISCUSSED THE DUTIES OF THE POSITION WITH THE EMPLOYEE.**		
PRINT SUPERVISOR'S NAME	**SUPERVISOR'S SIGNATURE**	**DATE**

EMPLOYEE'S STATEMENT: **I HAVE DISCUSSED WITH MY SUPERVISOR THE DUTIES OF THE POSITION AND HAVE RECEIVED A COPY OF THE DUTY STATEMENT.** **I HAVE READ AND UNDERSTAND THE DUTIES AND ESSENTIAL FUNCTIONS OF THE POSITION AND CAN PERFORM THESE DUTIES WITH OR WITHOUT REASONABLE ACCOMMODATION.**		
PRINT EMPLOYEE'S NAME	**EMPLOYEE'S SIGNATURE**	**DATE**