

## **AQUATIC BIOLOGIST V**

### **I. IDENTIFYING INFORMATION**

Position/Pseudo Number: 122935  
Department: Land and Natural Resources  
Division: Aquatic Resources  
Branch: Aquatic Resources & Environmental Protection  
Geographic Location: Downtown, Oahu

### **II. INTRODUCTION**

*Function of this organizational unit:* To conserve, protect, and enhance the State's renewable resources of aquatic life and habitat; to manage noncommercial use of these resources; to enhance opportunities for public recreational fishing; and to manage commercial use of the State's aquatic resources.

*Purpose of the position:* To plan, direct and coordinate activities associated with the marine protected species conservation. This position provides aquatic resources services for the State and general public. The position independently provides advisory and consultative services on aquatic protected species and fisheries interactions. Provides a broad range of locally specialized services in support of the Division's ongoing local and statewide programs, including providing expertise in the science of marine protected species and fisheries interactions.

### **III. MAJOR DUTIES & RESPONSIBILITIES**

#### **A. Marine Protected Species Administration**

**80%**

1. Direct DLNR's efforts to enhance conservation and long-term management of Hawaiian monk seals, sea turtles, false killer whales, humpback whales, and other marine mammals and marine protected species; define State policies, goals and objectives in concert with Department leadership [1][2][3]
2. Establishes and maintains cooperative, consultative and coordinated relationships with various DLNR divisions, agencies (state, federal and county), committees, elected officials, research institutions, community groups, Native Hawaiian groups and non-government organizations [1][2]
3. Coordinates State participation in NOAA's Pacific Islands Region Marine Mammal Stranding Network to support monk seal and cetacean response, including strandings and entanglements in Hawai'i. [1][2]
4. Administers, negotiates and implements memoranda of agreement/understanding, governance agreements (e.g., compact agreement), and/or contracts. [1][2][3]

5. Seeks funding and develops grants, project proposals, operating plans; prepares budgets, oversees expenditures; prepares reports, ensures receipt of deliverables. [1][2]
6. Serves as State representative at meetings, workshops, task forces, committees, working groups, advisory groups, conferences, public meetings, and other events and activities, serving as a resource person and facilitator. [1][2]
7. Reviews Environmental Impact Statements and state permit applications for take of marine mammals and sea turtles and for other activities within the Sanctuary, in coordination with NOAA as appropriate. [1][2][3]
8. Participates in and provides support for scientific research. [1][2]
9. Provide support for research, policy, and management efforts to reduce harmful interactions with marine protected species (e.g., conservation planning under the Endangered Species Act)
10. Develops coordinated and consolidated programming, outreach efforts and messaging
11. Develops communications strategies for implementing marine protected species and
12. Sanctuary related actions (e.g., press releases, fact sheets, public service announcements, news and social media, etc.). [1][2][3]
13. Hires/supervises staff, contractual hires and volunteers. [1][2]

#### **B. Fisheries Program**

**10%**

1. Updates Department Chairperson and Division of Aquatic Resources Administrator on status of activities. [1][2]
2. Develops legislative proposals and provides input on administrative rules; drafts Departmental opinions; drafts testimony as needed. [1][2][3]
3. Coordinates and drafts Departmental opinions with respect to federal policy actions. [1][2][3]
4. Provides information, technical assistance, consultation, and interpretation of the Sanctuary and marine protected species rules and policies to agency staff, public, private, and community agencies/individuals. [1][2]
5. Performs other duties of similar scope and difficulty, as assigned. [2]

#### **C. Other Duties**

**10%**

1. Participates in public outreach programs and helps coordinate activities to focus awareness campaigns on aquatic resource conservation. [2]
2. Provides information on aquatic life, fishing, and other ocean-related activities in Hawaii in response to written and telephone inquiries. [1][2]
3. Participates in preparation of program budgets, project proposals, and grant applications. [1][2]
4. Performs other tasks and duties of equivalent scope and responsibility. [1][2]

- [1] The performance of this function is the reason that the job exists.  
 [2] There are limited employees among whom the performance of this function can be distributed.  
 [3] This function is highly specialized. Employees are hired for the skill/ability to perform this function.

Evidence considered in determining essential duties included relevance and amount of time spent per task, consequences of not requiring a person to perform the task, nature of operation, importance of task related to over all program.

### **Supervises Positions(s) No.**

### **Title**

Position No.  
 118784 (T)  
 118785 (T)

Class Title  
 Education Specialist IV  
 Education Specialist III

Position No.

May at times supervise Student Helpers and temporary contractual staff.

## **IV. CONTROLS EXERCISED OVER THE WORK**

### **A. Supervisor**

Position No.  
 122865

Class title  
 Aquatic Resources Program Manager  
 (LNR 401)

### **B. Nature of Supervisory Control Exercise over the Work**

Work assignments are performed independently. Scope of assignment, objectives, and the nature of end products expected are initially specified by the Supervisor. Supervision is limited primarily to advice on new policies or procedures; however, the employee may seek guidance or specific assistance from Division of Aquatic Resources Program Manager and/or Supervisor at any time.

### **C. Nature of Available Guidelines Controlling the Work**

Hawaii Revised Statutes; Hawaii Administrative Rules and Administrative Policies; Division of Aquatic Resources Diving Safety manual; and applicable Federal rules, Regulations and Policies.

Procedural guides cover all technical aspects of the work. The employee is expected to know and apply all pertinent State and Federal rules, regulations, policies, and procedures.

## **V. REQUIRED LICENSES, CERTIFICATES, ETC.**

Valid driver's license.

## VI. RECOMMENDED QUALIFICATIONS

- A. Knowledge:** An understanding of instream flow issues and estuarine research; basic principles and practices of biodiversity research and management; research and statistical methods; professional knowledge of theory and practices of fishery research and management; knowledge of standard survey and sampling methods associated with fishery research; practical knowledge of organisms, equipment, and practices appropriate for Hawaiian lands and waters; relationship between resources and management; governmental organization, programs, and functions; purposes, principles, practices, methods and techniques of planning and the planning process; natural resource rules and management practices; familiarity with State laws, departmental rules, and regulations, policies, and procedures; and applicable Federal laws, rules, regulations, and policies in relation to environmental policies, marine management, and conservation; grant/contract development and budget analysis; knowledge of English grammar, sentence structure, abbreviations, spelling, capitalization, and word usage; and a working knowledge of computers and GIS software programs
- B. Skills/Abilities:** Ability to collect, correlate, evaluate, and analyze facts/data and develop sound conclusions; understand and apply statistical concepts and formulas, understand research methods and techniques used in aquatic resources management and conservation; explain research methods and techniques during public planning; coordinate and conduct planning studies and projects for major statewide concerns and programs; work independently; meet deadlines; prepare and write reports; speak and write effectively; develop and maintain effective interpersonal relationships with others including private and public groups; work effectively among various community groups; give and receive oral and written instructions; assign and review the work of others; serve as facilitator in meetings with a variety of different and opposing interest groups; make effective presentations before groups; proficiency with Microsoft Office Professional; ability to use skin diving methods to collect data on aquatic plants and animals; competence in the operation small boats, and familiarization with field instruments and equipment used in fishery research.
- C. Education:** The position requires graduation from an accredited college or university with a baccalaureate degree in fishery biology, biological oceanography, aquaculture, natural resource management,

zoology or related biological science, including at least 24 semester credit hours in courses such as fishery biology, ichthyology, limnology, biological oceanography, marine or freshwater ecology, or other advanced courses relevant to aquatic resources and habitat protection.

- D. Experience:** The position requires at least three years of professional work experience in management, conservation, and protection of aquatic resources or in scientific research dealing with aquatic resources or ecosystems, or a combination of these; at least one year of this experience must be comparable to work at the level of an Aquatic Biologist III. Publications and presentations at scientific meetings relevant to stream and estuarine research are preferred.

### **Substitution**

A Master's Degree in Fishery Biology or related field from an accredited college or university may be substituted for one year of experience; a Ph.D. degree in Fishery Biology or related major may be substituted for the requirement of three years of professional experience.

### **Supervisory Aptitude**

Applicants must possess supervisory aptitude.

- E. Physical Condition:** The position requires good health, physical endurance, and fitness; willingness to work long and irregular hours, and occasionally to perform tasks under potentially hazardous conditions.