

FISH AND WILDLIFE TECHNICIAN II**NATURE OF WORK IN THIS CLASS:**

Under the general supervision of professional biologists, conducts technical field and laboratory work in the areas of fish, wildlife, and endangered species conservation, management, and research. Employees in this class perform the full range of duties under general supervision of professional staff and serve as a leader over less experienced technical workers.

ILLUSTRATIVE EXAMPLES OF WORK: (Any one position may not include all of the duties listed, nor do the examples cover all duties which may be performed.)

Leads the work of lesser skilled workers in the construction and installation of special devices, equipment and facilities used in fish and wildlife programs such as fences, bird cages, animal traps, fish traps, signs, components used in making fish-aggregating-devices.

Oversees feeding and care of snakes, birds, and mammals being raised in captivity; monitors breeding activity, observes and records behavioral observations of breeding pairs.

Oversees maintenance and repair of captive animal facilities and equipment used in fish and wildlife programs; inspects and initiates maintenance and repairs of facilities as needed; inventories and orders feed, building materials, and other supplies as needed; maintains routine records of preventative maintenance and inventory of equipment and supplies and prepares reports as required.

Independently conduct technical biological work of moderate-advanced complexity such as capturing and attaching radio transmitters on study animals, following study animals via radio telemetry tracking; performs laboratory studies such as food habits analysis, macro and microscopic examination of reproductive tracts, collection of fish gonads, and stomachs, blood slides, and tissues samples; conducts deer counts and station counts for birds; mans and runs hunter check stations, conduct necropsies of study animals, takes and records standardized biological measurements, collects tissue samples from study animals, identifies instances of disease or abnormalities; sets up and uses specialized equipment for the live capture fish, snakes, birds, and mammals; monitors breeding biology of endangered species; identifies and records information relating to the use of explosive or poisons to take fish; takes and records biological data of moderate-advanced complexity,

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enters data into computer data base; performs routine analysis of data, prepares summary reports as required.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of basic principles of fish and wildlife conservation and management and the advanced techniques used in the field.

Skill in conducting biological work such as radio telemetry studies, deer counts, station counts for birds, use of specialized equipment such as radio telemetry equipment, capture equipment such as capture gun and mist nets.

Skill in the design, fabrication, and construction of fences, animal traps, bird cages, signs, fish-aggregating-devices, mooring and navigational aides, and other specialized equipment.

Skill in observing and recording moderately complex biological measurements and observations.

Ability to oversee all aspects of boat supplies, operations, scuba gear, scuba diving and snorkeling, fishing and fishing tackle.

Ability to assist in the collection of fish transect data, which includes the ability to taxonomically identify fish sighted in the field.

Ability to oversee the care and feeding of captive animals and recognize problems that commonly arise in captive conditions.

Ability to oversee a routine maintenance program for facilities and scientific equipment.

Ability to lead the work of others.

FOR POSITIONS ASSIGNED TO WILDLIFE SECTION:

Ability to identify by sight and sound the resident bird species found on Guam.

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Ability to identify by sight, sound, and sign of the resident mammal species found on Guam.

Ability to identify the common plant species found on Guam.

FOR POSITIONS ASSIGNED TO FISHERIES SECTION:

Skill in boat and trailer maintenance and operation (requires completion of Coast Guard Auxiliary Class and CPR certification).

Dissection skills on fish for locating liver, intestines, stomach and gonads. Should be able to take standard or fork length, and determine sex.

MINIMUM EXPERIENCE AND TRAINING:

- a) Graduation from high school or possession of a certificate of high school equivalency (GED) and two years of progressively responsible experience as a Fish and Wildlife Technician I; or
- b) Graduation from high school or possession of a certificate of high school equivalency (GED) and four years of progressively responsible experience in field or laboratory work in the areas of fish, wildlife and endangered species conservation, management, and research; or
- c) Any equivalent combination of experience and training which provides the minimum knowledges, abilities and skills.

NECESSARY SPECIAL QUALIFICATION:

Possession of a valid driver's license may be required.

ESTABLISHED: October 1989
Pay Range: 34


RONALD B. AGUON
Acting Executive Director
Civil Service Commission