



New Jersey Department of Environmental Protection

Notice of Vacancy

Filling of these positions is contingent upon further approval process

Title: Biologist Trainee

Posting Number: F&W-2024-2

Open to: General Public

Work Week: NE (35-hour) Work Week

Salary: (P95) \$52,513.10 (Non-Negotiable)

Opening Date: April 12, 2024

Closing Date: May 31, 2024

Existing Vacancies: TBD

Program/Location

Department of Environmental Protection

Fish and Wildlife

These positions may be located in any of the following areas of the State:

- Port Republic
- Millville
- Sicklerville
- Robbinsville
- Tuckahoe
- Pequest
- Lebanon
- Clinton
- Trenton

Please indicate locations in order of preference

Scope of Eligibility: Open to applicants who meet the requirements below.

Description: Under the supervision of a Principal Biologist or other supervisory official in a State department or local government agency, as a trainee and productive worker, works in a specialized field requiring the application of biological principles; learns to perform the various research and testing activities of the assigned area; does other related duties.

Specific to the Position:

Office of Mosquito Control Coordination

Learn to assist Assistant, Senior, and Principal Biologists within the program. Responsibilities include activities surrounding the delivery of State Mosquito Control Commission services to county mosquito control programs. This could be related to the water management program, aerial spraying program, equipment use program, biological control program, and/or the mosquito and arbovirus surveillance programs. State oversight with respect to permitted activities will be included.

Preferred Skill Set: A firm grasp on biology, entomology, environmental science, and/or pest control principles. Any experience with insect identification, mosquito surveillance, mosquito trapping, mosquito control activities, insecticide application and or arbovirus epidemiology, teaching/training would be meaningful skills to build upon.

Bureau of Freshwater Fisheries

Conduct fisheries surveys using electrofishing gear, seines, gill nets, and trap nets to effectively manage fisheries resources; develop fisheries management plans for waters assigned within their management areas and incorporate waters into state stocking programs as needed. Provide technical assistance regarding activities affecting fisheries resources; respond to inquiries concerning fisheries resources and statewide stocking programs.

Preferred Skill Set: Bachelor's degree in Natural Resource Management, Fisheries Science, Fisheries Management, or any Biological Science with 21 credits in Fisheries Science. Proficiency in identification of freshwater fish species found in NJ (both game and non-game species); familiarity with varied types of equipment used; ability to conduct surveys and sampling on assigned waterways; proficient in Microsoft Office Suite; familiarity with statistical methods used.

Bureau of Lands Management

Responsible for coordinating the habitat planning and management for 53 Wildlife Management Areas (approximately 215,000 acres) throughout the southern portion of the State. Will be required to work closely with contractors, other agency staff and external stakeholders; implement species and habitat management plans and programs designed to enhance habitat for wildlife and wildlife related recreational activities; represent Fish and Wildlife and the Bureau of Land Management at conferences and meetings and provide presentations to stakeholder groups.

Preferred Skill Set: Ability to follow Department regulations and procedures, understand and follow written and oral directions, and interpret State/Federal laws rules and regulations dealing with wildlife resources. Ability to work alone, interact with the public, maintain records, and utilize various recording and information systems utilized by the agency. Knowledge of the principles and practices of wildlife biology/management, methods used to evaluate biological data, and procedures of applicable State and Federal regulations.

Bureau of Marine Habitat and Shellfisheries

Conduct marine field sampling, collect biological samples, identify and enumerate marine finfish and shellfish specimens, assist in proofreading and entering data, and conduct ecological and other technical studies. Operate and maintain marine sampling equipment, vessels and vehicles needed for research and sample collection. Prepare and develop finfish and shellfish population estimates and prepares clear, sound, accurate and informative reports containing findings, conclusions and recommendations and assist in the evaluation of the impacts of activities related to coastal development. Assist with the State's shellfish stock assessment and submerged aquatic vegetation inventory programs.

Bureau of Marine Fisheries

Provide support to the Bureau's fishery dependent and fishery independent monitoring programs. Tasks may include participating as a crew member on various field surveys and laboratory projects; collecting and processing biological samples; monitoring of commercial harvest reports; outreach to commercial harvesters and dealers; recreational angler interviews; data entry and analysis; and gear and equipment maintenance. May also serve as the Bureau's technical representative to state or regional bodies for certain fisheries or protected species.

Preferred Skill Set: Familiarity with the basic concepts and goals of fisheries management; knowledge of state and federal regulations pertaining to commercial and recreational fisheries and protected species; experience with commonly employed fisheries sampling gear and laboratory procedures; ability to correctly identify common marine and estuarine fish species at various life stages; proficient with Microsoft Office applications; excellent written and oral communications skills.

Bureau of Wildlife Management

Conduct surveys of migratory birds, upland game, furbearers, and other game species (e.g. black bear, deer) and their habitats following accepted protocols. Provide assistance in wildlife control response situations as needed. Collect biological samples and analyze data for population trends, management needs, and research including disease. Assist in the preparation of related reports and management plans. Provide information to the public and other interested parties. Work in cooperation with local, state & Federal Government agencies.

Preferred Skill Set: Bachelor's degree with concentration in Wildlife Conservation or Management; familiarity with and emphasis in game species identification, biology, habitat requirements, and management approaches. Experience with wildlife survey techniques, handling, and/or bird-banding. Strong computer, GIS, and statistical skills, as well as interpersonal and public speaking skills.

Bureau of Endangered Non-game Species

Invertebrates- As directed by a supervisory biologist, conduct surveys of invertebrate nongame wildlife (for example, freshwater mussels, aquatic macroinvertebrates, butterflies, dragonflies), conduct population and range estimates, assess threats, and plan and implement conservation actions. Conduct environmental reviews, participate in regional initiatives, and support the Endangered and Nongame Species Program with associated wildlife conservation tasks and grant-funded obligations.

Preferred Skill Set: One (1) or more years of experience in the field of wildlife conservation/biology, with familiarity of NJ invertebrate species.

Avian and Mammal Species- As directed by a supervisory biologist, conduct surveys of rare birds and/or mammals following accepted protocols and techniques including visual searches, call-playback, behavioral observation, and point or area counts. Collect and analyze data on populations and trends, research causes of declines, and investigate potential effects of anthropogenic actions, environmental contaminants, pathogens, and/or disease on populations. Write and implement recovery and habitat plans to address threats to promote population recovery. Conduct environmental reviews, participate in regional initiatives, and support the Endangered and Nongame Species Program with associated wildlife conservation tasks and grant-funded obligations.

Preferred Skill Set: One (1) or more years of experience in the field of wildlife conservation/biology, specializing in avian or mammalian species.

Reptiles/Amphibians- As directed by a supervisory biologist, conduct surveys of reptiles and amphibians following accepted protocols and techniques, including visual searches and a variety of trap and coverboard techniques. Collect and analyze data on populations and trends, research causes of declines and mortality factors, and investigate potential effects of pathogens, disease, and anthropogenic actions on populations. Write and implement recovery and habitat plans to address threats to promote population recovery. Conduct environmental reviews, participate in regional initiatives, and support the Endangered and Nongame Species Program with associated wildlife conservation tasks and grant-funded obligations.

Preferred Skill Set: One (1) or more years of experience in the field of wildlife conservation/biology, specializing in reptile and amphibian species.

Requirements

Education: Graduation from an accredited college with a Bachelor's degree including or supplemented by twenty four (24) semester hour credits in the biological sciences.

NOTE: All U.S. degrees and transcripts must be from an accredited college or university. All foreign degrees and transcripts must be evaluated for accreditation by a recognized evaluation service by the closing date of this posting. Failure to provide documentation may result in ineligibility.

License: Appointee will be required to possess a driver's license valid in New Jersey only if the operation of a vehicle, rather than employee mobility, is necessary to perform the essential duties of the position.

Residency: All persons newly hired on or after September 1, 2011 have one year from the date of employment to establish, and then maintain principal residence in the State of New Jersey subject to the provisions of N.J.S.A. 52:14-7 (L.2011, Chapter 70), also known as the "New Jersey First Act".

Authorization to Work: Selected candidates must be authorized to work in the United States per the Department of Homeland Security, United States Citizenship and Immigration Services regulations. **Note:** The State of New Jersey does not provide sponsorship for citizenship to the United States.

Veteran's Preference: To qualify for New Jersey Veteran's Preference/status, you must establish Veteran's Preference through the Department of Military and Veterans' Affairs. Please submit proof of your Veteran's Preference along with your resume as indicated below. For more information, please visit

<https://www.nj.gov/military/veterans/services/civil-service-preference/>

Submit Letter of Interest, Resume, Unofficial Transcripts (if college degree is required), and the Personal Relationship Disclosure Statement by 4:00 p.m. on the closing date to:

Talent Acquisition Team

Division of Human Resources

E-mail Address: DEP-HR-FW.Resumes@dep.nj.gov

Please include the title and posting # of this Notice of Vacancy in the subject line of your e-mail.

[Please tell us how you heard about this position](#)

SAME applicants: If you are applying under the NJ SAME program, your supporting documents (Schedule A or B letter) must be submitted along with your resume by the closing date indicated above. For more information on the SAME program, please visit - <https://nj.gov/csc/same/overview/index.shtml>, email - SAME@csc.nj.gov, or call CSC at (609) 292-4144 and select Option #3.

Posting Authorized By:

Phiroza Stoneback, Manager

Division of Human Resources

The New Jersey Department of Environmental Protection is an Equal Opportunity Employer and is committed to inclusive hiring and a diverse workforce. We strongly encourage people from all backgrounds to apply. Accommodations under ADA will be provided upon request.