



**WILDLIFE SPECIALIST 2**  
**“Laboratory Specialist”**  
**WILDLIFE MGMT DIV / AQUATICS / PHOENIX BASED**  
**FLSA-Exempt**  
**GRADE 20 (SALARY RANGE \$36,814 - \$65,827)**  
**REQUISITION # 496587 / CLOSING DATE: 5/6/2021**

The mission of the Arizona Game & Fish Department is to conserve Arizona’s diverse wildlife resources and manage for safe, compatible outdoor recreation opportunities for current and future generations. It is our vision to be the national conservation leader supporting the continuation of the North American Model of Wildlife Conservation and Arizona’s most trusted, respected and credible source for wildlife conservation products, services and information.

**Description of Duties:** The Laboratory Specialist will be responsible for assisting with research on aspects of fish disease, fish health, use of drugs for treating fish diseases, laboratory maintenance and media preparation. This position is 80% laboratory and 20% field work.

Major duties include:

- Preparation of media for bacterial culture
- Inoculation of plates for bacterial culture
- Bacterial identification
- Performs necropsies and laboratory testing as requested
- Maintains records required by the FDA for VFD medicated feeds.
- Collects biological samples during fish management events and participates in the development of protocols for the detection, control, and eradication of fish diseases
- Produce reports and updates for Department staff as appropriate
- Maintains the Department Fish Health databases and attends and delivers presentations that address fish disease management.
- Identifies pathogens by PCR and QPCR
- Cell culture of fish cell lines.
- Conducts DNA sequencing of biological samples to determine genus and species
- Develop proficiency in preparing samples for histological examination, immunohistochemistry and in situ hybridization techniques and Quality Control and Quality Assurance procedures
- Performs other duties as assigned

**Knowledge, Skills, and Abilities:** The candidate must have knowledge of microbiology or medical technology and all of its associated disciplines, quality control and quality assurance in the laboratory and laboratory safety measures, computer programs, scientific method and thought, diagnostic tests, laboratory procedures, epidemiology and public health principles, rules pertaining to the use of antibiotics and other chemotherapeutants, animal drugs and pharmacology, and animal physiology and pathology.

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*An equal opportunity, reasonable accommodations employer, the Arizona Game and Fish Department complies with the Americans with Disabilities Act of 1990. If you need accommodation in the employment process or this document in an alternative format, please contact our office at (623) 236-7323 or TTY 1-800-367-8939, prior to the closing date of the job in which you are interested. The Arizona Game & Fish Department is responsible for managing Arizona’s fish and wildlife resource as an enduring public trust. In addition, the Department is charged with promoting safe and responsible use of watercraft and off-highway vehicles. Funding is provided from the sale of licenses and permits; watercraft registration fees; federal excise taxes on firearms, fishing equipment, boats, and other sporting goods; State lottery revenues; donations on State income tax forms; and various contracts and grants. Department policy is set by the Arizona Game and Fish Commission, whose five members are appointed by the Governor. We stand in support of equality for and advancement of all people based on their qualifications and actions alone without regard to color, gender, age, religion, national origin, or disability.*



Candidates must be skilled in data processing and analysis, technical writing and English composition, public speaking, handling, first aid techniques, budget and personnel management.

The ideal candidate will be able to identify bacteria from culture, identify viruses from cell culture, complete immunofluorescence assays, conduct polymerase chain reaction procedures, be able to extract dna or rna , and conduct eDNA analysis. Must have experience in aseptic technique and laboratory safety protocols, be able to work alone or in a team setting, form collaborative relationships with other individuals and organizations, work in diverse environments and conditions and synthesize information from a number of sources and apply it to novel situations. Conduct testing following approved protocols.

The candidate must have a bachelor's degree in a biology, medical technology or microbiology or closely related field or in Fisheries Science with specialized training in microbiology, virology, bacteriology, molecular biology. Experience working within a microbiology laboratory is required.

Employment may be contingent upon completion of a post-offer medical/physical examination and the agency's ability to reasonably accommodate any restrictions. Position requires possession of and the ability to retain a current, valid state-issued driver's license appropriate to the assignment. Employees who drive on state business are subject to driver's license record checks, must maintain acceptable driving records and must complete any required driver training (see Arizona Administrative Code R2-10-207.12.).

All newly hired employees will be subject to the E-Verify Employment Eligibility Verification program. Our work environment offers training opportunities and encourages career development.

The State of Arizona offers an outstanding comprehensive benefits package including:

- \* 13 days of vacation
- \* 12 sick days with accumulation benefits
- \* 10 paid holidays
- \* Participation in the nationally recognized Arizona State Retirement System
- \* Superior health care options
- \* Vision care, dental care, pharmacy benefits, and flexible spending account (options available)
- \* Life, long-term disability, and short-term disability insurance options are available
- \* Many more benefit programs are available

Arizona State Government is an EOE/ADA Reasonable Accommodation Employer

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