

STATE OF ARIZONA JOB CODE SPECIFICATION

FLSA:	NEXP	Job Code:	ACV36122
Job Class Code:	700	Salary Schedule:	ASRRWILD
EEO Category:	02	Grade:	20
Workers Comp Code:	9410		
Job Code Established:	1/1/85	Effective Date:	
Job Code Revised:	07/01/06	Effective Date:	07/01/06

JOB CODE SERIES: Wildlife Resource Management & Development Series

JOB CODE TITLE: GAME & FISH WATER QUALITY SPECIALIST

HRIS TITLE: G & F WATER QUALITY SPCT

CHARACTERISTICS OF THE JOB CODE: Under general direction, conducts biological and chemical analysis in the agency's laboratory. Performs bio-assay studies and research and evaluation on water quality affecting fish. Compiles, interprets and analyzes water quality data from a variety of sources. Ensures all appropriate protocols are followed in sampling, testing and record maintenance. Ensures laboratory run efficiently and safely.

EXAMPLES OF DUTIES: Individual positions may be responsible for some or all of the listed duties and/or other related duties. Prepares for and performs laboratory chemical and instrumental analyses to determine various chemical constituents of samples in accordance with national standards and protocols. Ensures recording of all laboratory and field data, incoming test samples and outgoing interpretation of results. Writes reports. Reviews and updates laboratory methodology and instrumentation in accordance with national standards and best practices. Gathers and interprets data from technical and scientific manuals, statutes, rule books, codes and regulations in order to make determination and decisions. Compares data from several sources to assure compliance with technical specifications, rules, or other technical documents, using judgment and relying upon considerable knowledge of the subject material. Ensures laboratory managed in accordance with federal and state laws and industry best practices. Maintains and calibrates instruments. Compiles information for and writes periodic reports on activities of work unit to meet legal and agency administrative requirements.

WORK CONDITIONS: Generally, works in laboratory with toxic and hazardous materials with occasional work out in the field. Outdoor work could be in any part of the state with its geographic and weather extremes, could include using various transportation modes, hiking and backpacking and could expose the employee to animal and wilderness dangers. Work hours may vary and could include holidays, weekends and/or nighttime.

KNOWLEDGE, SKILLS AND ABILITIES (KSAs):

Knowledge of: Principles and practices of chemistry and aquatic biology. Principles of water quality analysis and analytical instrumentation and techniques. Federal, state and agency laws, rules, regulations, policies and procedures appropriate to assignment. Laboratory equipment usage, maintenance and calibration

Skill in / Ability to: Apply principles and practices of chemistry and aquatic biology. Understand and interpret technical and scientific manuals and evaluate and interpret data. Apply the principles of water quality analysis and analytical instrumentation and techniques. Perform tests and use, maintain and calibrate laboratory equipment. Apply federal, state and agency laws, rules, regulations, policies and

procedures appropriate to assignment. Communicate verbally and in writing. Work on own in laboratory and work with others

KSAs are typically obtained through experience and/or education in:

- Chemistry
- Chemical and/or biological laboratory work related to water quality analysis or aquatic biology

Any combination of training and experience that meet the knowledge, skills, and abilities (KSAs) may be substituted.

Special Selection Factors: Bachelor's degree in chemistry or closely related field. Must pass post-offer medical/physical examination. May require possession of and ability to maintain valid Arizona driver's license appropriate to assignment.