
Water Resources Specialist IV - Adjudications Section(Job Id 55868)

Post Date: 05/04/2020

Grade: 22

Category: WATER / ENVIRONMENT

Salary: 43,240.00-77,468.56

Location: PHOENIX

Description

Water Resources Specialist IV Adjudications Section

The mission of the Arizona Department of Water Resources (ADWR) is to protect, conserve, and enhance Arizona's water supplies by confronting water management challenges in a bold, thoughtful, and innovative manner. Do you want to join our team? ADWR is seeking a Water Resources Specialist IV for the Adjudications Section.

This position will provide support to the Arizona General Stream Adjudication Courts as described in Arizona Revised Statutes 45-256(A). This position serves as a senior level water resources specialist and will be responsible for assisting the efforts of the Adjudications Section. This position will include defining goals and objectives and directing efforts on large and complex hydrological studies and reports, often leading or supporting a project team; reviewing and developing technical documents; and proposing and conducting studies that result in appropriate modeling of groundwater/surface water interactions. This position is expected to understand applicable laws related to Arizona's stream adjudications, and will instruct staff regarding procedures and techniques to be used, quality of results expected and project time lines, goals and objectives. Responsible for gathering data that will be used directly or indirectly in legal proceedings.

The position responsibilities include providing GIS studies, hydrological reports, and other documentation to support the General Stream Adjudication court proceedings. This position will coordinate projects with other ADWR staff, other governmental agencies, and the public. The position may act as an Agency technical expert witness in court cases.

Knowledge of:

- The nature and occurrence of surface water and groundwater, specifically as it relates to the hydrology of Arizona;
- ADWR policies/direction regarding managing the state's water resources;
- Arizona General Stream Adjudication, current local, state and federal laws, rules and policies related to water resources planning and management;
- State and Federal court rulings impacting water resources management in Arizona;
- The legal, institutional, and physical aspects of water supply and utilization;
- Cultural water demands including agricultural, municipal, and industrial uses;
- Specialized fields such as aquifer test analysis, groundwater modeling, geophysics, geochemistry.
- Agricultural practices as they relate to livestock and irrigation and the methods used to quantify water needs for different uses of water
- Conducting field investigations and collecting a variety of water-related data using GPS systems, sUAS, flow meters, water level recorders, etc.; and
- Current GIS technology including geodatabases and online portals, analyses and geoprocessing techniques, and projections;

Skills in:

- Analyzing and presenting statistical data;
- Writing technical reports and performing data entry;
- Analyzing and evaluating detailed hydrological data and reports including water level elevation maps, well logs, groundwater flow models, geologic interpretations and water budgets;
- Working with Oracle and other relational databases;
- Using computers/computer models to compile, analyze, and interpret water resource management data including GIS applications, aquifer test analysis and groundwater modeling;
- Performing calculations related to water use, surface water flow conditions, etc.
- Field techniques;
- Preparing maps and drawings based on field data, aerial photographs, land surveys,

etc.;

- ESRI mapping software - ArcGIS/ArcMap/ArcPro mapping tools;
- MS Office Suite - Excel, Word, Access, PowerPoint.

Ability to:

- Apply techniques to study water resource issues impacting the State of Arizona;
- Manage multiple tasks and meet deadlines;
- Review a variety of legal, regulatory, and technical documents related to water resources;
- Establish and maintain effective relationships with various levels of governmental and regulated business officials, community leaders and the public;
- Communicate effectively with the public, in both written and oral form;
- Coordinate projects with other ADWR staff, other governmental agencies, and the public;
- Compile, analyze and interpret water resource data from a variety of sources and databases, including field measurements, calculations, observations and evaluations of historical records, maps, aerial photographs and remotely sensed data output, from the public, as well as State and Federal entities;
- Identify water sources, directional flow paths of water sources and differentiate surface water from other sources of water;
- Work alone or in a team environment, prioritize work activities, set goals, be self-motivated;
- Use computers to retrieve, organize, and present water resource data;
- Solve technical problems and solve issues;
- Use analytical methods; and,
- Work outdoors for extended periods of time;

This position requires possession of and 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.)

The grade 22 salary range is \$43,240 (minimum) - \$60,354 (mid-point) - \$77,468

(maximum). Typically, salaries are below the midpoint but highly qualified applicants will be considered for higher salaries.

Prefer individual possessing education with major course work in hydrology, geology, water resources management, natural resource management, natural sciences and/or related fields and two years of experience as either a Water Resource Specialist III, Hydrologist III, Water Resource Engineering Specialist or Water Resource Engineer OR six years of professional level water resource management experience involving data analysis/evaluation, problem identification/resolution.

The State of Arizona provides an excellent comprehensive benefits package including:

- Affordable medical, dental, life, and short-term disability insurance plans
- Top-ranked retirement and long-term disability plans
- Accrued paid vacation and sick days
- 10 paid holidays per year
- Deferred compensation plan
- Credit union membership
- Wellness plans
- LinkedIn Learning membership
- Tuition Reimbursement
- Employee Discounts

Positions in this classification participate in the Arizona State Retirement System (ASRS). Please note, enrollment eligibility will become effective after 27 weeks of employment.

Persons with a disability may request a reasonable accommodation such as a sign language interpreter or an alternative format by contacting ADWR Human Resources Office at (602) 771-8500. Requests should be made as early as possible to allow time to arrange the accommodation. Arizona State Government is an AA/EOE/ADA Reasonable Accommodation Employer.

All newly hired employees will be subject to E-Verify Employment Eligibility Verification.