

CLASSIFICATION SPECIFICATION

FLSA:	NEXP	Job Code:	ACV36003
Job Class Code:	700	Salary Schedule:	ASRRWATRC
EEO Category:	03	Grade:	17
Workers Comp Code:	9410		

Job Code Established:	07/01/89	Effective Date:	09/28/92
Job Code Revised:	01/01/01	Effective Date:	

JOB CODE SERIES: Resources Development Series

JOB CODE TITLE: WATER RESOURCE SPECIALIST I

HRIS TITLE: WATER RESRCES SPCT I

CHARACTERISTICS OF THE CLASS: Works under close supervision of higher level professional staff or first-line supervisor during training process. As experience is gained, the level of supervision decreases for routine activities. Has the authority to determine technical accuracy of work of clerical/technical support staff. All other decisions reviewed by supervisory staff. Compiles and analyzes water resource management oriented data from a variety of sources, including field measurements, calculations, and observations and evaluation of historical records, maps, aerial photographs, and remotely sensed data output; prepares preliminary reports based on data analysis; may review work of clerical/technical support staff for technical accuracy. Work product consists of completed preliminary water resource management oriented reports/recommendations based upon data analysis/evaluation; completed field investigations; completed water resource management data compilation/analysis from sources including maps, aerial photographs, remotely sensed data, and historical files/records. Responsible for the timely and accurate compilation of water resource management oriented data from a variety of sources; the timely analysis/evaluation of water resource management oriented data in conformance with established guidelines; timely preparation of preliminary water resource management reports/ recommendations regarding routine, clearly defined water resource management issues; the technical review of data collected by clerical/technical support staff.

EXAMPLES OF DUTIES: Collects/compiles data on water supply/usage. Collects field data, including stock pond dimensions/locations, surface water flow rates, and/or well depth/location. Analyzes/evaluates water resource management oriented data. Researched land/property descriptions, titles, and deeds. Organizes/prepares preliminary water resource management oriented reports/recommendations. Compiles, analyzes, and presents statistical data in appropriate format. Researches/sketches maps. Reviews work of clerical/paraprofessional support staff for technical accuracy. Performs related work as required.

WORK CONDITIONS: Typical office environment; field activities result in exposure to a variety of weather conditions and may require occasional overnight travel.

KNOWLEDGE, SKILLS AND ABILITIES:

Knowledge of: the occurrence, behavior, and significance of water in nature; the environmental, social, and economic aspects of water supply and utilization; current concepts and practices in water resource management; current laws and regulations regarding water supply and utilization in Arizona; information sources and research methods and techniques utilized in water resource management, including flood control and water rights administration; the system of land/property description and identification used in the State of Arizona.

Skill/Ability to: applying research methods/techniques to compiling water resource management oriented data; analyzing/evaluating a variety of water resource management oriented data; drawing maps or

sketches based on survey data, aerial photography, and field observations; analysis and presentation of statistical data; using computers/computer models to organize/analyze water management oriented data.

Experience and Education: Typical ways to obtain the KSAs would be: Two years as a Water Resource Technician II or one year as a Water Resource Technician Supervisor; OR five years of technical/paraprofessional level water resource management oriented experience, involving data research, collection, or compilation, water rights application review, water usage report review, and/or field data collection/verification; post-high school coursework, from an accredited institution, in hydrology, geology, agronomy, geography, regional planning, watershed management, engineering, economics, biology, chemistry, or other closely related field may substitute for the technical/paraprofessional experience at the rate of six semester hours per year, or a Bachelor's degree in one of the above areas. Any combination of training and experience that meet the knowledge, skills, and abilities (KSAs) may be substituted.