

CLASSIFICATION SPECIFICATION

FLSA:	EXP	Job Code:	ACV77732
Job Class Code:	600	Salary Schedule:	ASRRHYDRO
EEO Category:	02	Grade:	21
Workers Comp Code:	9410		

Job Code Established:	10/01/1998	Effective Date:	
Job Code Revised:		Effective Date:	

JOB CODE SERIES: Science Group Miscellaneous Science

JOB CODE TITLE: HYDROLOGIST III

HRIS TITLE: HYDGST III

CHARACTERISTICS OF THE CLASS: Under general supervision, is responsible for a wide variety of skilled professional hydrologic work in the office and field; has lead responsibility for special analytical studies, including the local adequacy of groundwater for urban development, and detailed storm analyses for small drainage areas; and performs related work as required. (This is the journeyman level hydrologist who exercises considerable latitude for independent judgment and decision on assigned work. Supervision is generally received on unusually difficult problems only. An incumbent in this classification may have lead responsibility for one or more hydrologic assistants.)

EXAMPLES OF DUTIES: Investigates the water resources of the State in terms of occurrence, distribution, movement and quality of surface and groundwater; modifies and adapts established techniques to meet unique characteristics of particular investigation problems; conducts studies to determine hydrologic information necessary for the design of flood control structures; reviews current activity in weather modification practices and licensing; participates in planning and evaluating the State-Federal cooperative hydrologic data collection program; plans, develops, and executes or coordinates significant, complete investigations of the water resources of groundwater basins to determine the impact of present and projected agricultural and urban water demands; authors scientific reports for publication or for administrative use on the results and conclusions of studies and investigations; reviews reports prepared by other professional personnel; may serve in a lead capacity.

KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of: the principles of geology, hydraulics, mathematics, physics, and meteorology as applied to hydrology; chemistry, surveying, computer science, geophysics and botany; computer modeling techniques.

Skill/Ability to: organize and supervise technical studies and to write technical reports; establish and maintain effective working relationships with employees, supervisors, and the public.

SPECIAL SELECTION FACTORS: Bachelor's degree from an accredited college or university with a major in hydrology, civil engineering, geology, watershed management or a related field, and four years of hydrologic or related experience; a Master's degree in one of the above fields may substitute for one year of experience; a Ph.D. in one of the above fields may substitute for two years of the required experience. Some positions may require registration as a professional engineer in the State of Arizona.