



**DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF WATER RESOURCES**

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Position Announcement

ArcGIS Technician

The Division of Water Resources

The mission of the Nevada Division of Water Resources (NDWR) is to conserve, protect, manage and enhance the State's water resources for Nevada's citizens through the appropriation and reallocation of the public waters. In addition, the Division is responsible for quantifying existing water rights; monitoring water use; distributing water in accordance with court decrees; reviewing water availability for new subdivisions and condominiums; reviewing the construction and operation of dams; appropriating geothermal water; licensing and regulating well drillers and water rights surveyors; reviewing flood control projects; monitoring water resource data and records; and providing technical assistance to the public and governmental agencies.

The Position

The ArcGIS Technician position is a *temporary* position which will last until project completion, approximately one year. The position will be funded by the Cooperating Technical Partner (CTP) Grant, a grant issued by the Federal Emergency Management Agency (FEMA) to enhance the floodplain management program. The position will focus on FEMA Risk MAP activities. Risk MAP stands for Risk Mapping, Assessment, and Planning and includes activities such as updating and upgrading the Nevada Flood Risk Portfolio and using the Flood Information Tool (FIT) with HAZUS to develop depth of flooding maps using both DFIRM data and LiDAR data. This position will assist with updating data in the Coordinated Needs Management Strategy (CNMS) database to ensure that the database accurately reflects the status of flood mapping in Nevada. This position is also responsible for the creation and maintenance of non-regulatory dam inundation maps using ArcGIS and the DSS-Wise dam breach modeling software. Dam inundation maps from Emergency Action Plans will be digitized and compared with modeling results. The ArcGIS Technician will assist with other duties as assigned by the supervisor.

Minimum Qualifications

Qualified candidates must have an Associate Degree in ArcGIS or related field and one year experience, or an Associate Certificate in ArcGIS or related field and two years experience, or three years experience working directly with ArcGIS. Experience with computer modeling programs and the Microsoft Office Suite are preferred.

Compensation

This is a part-time hourly position paying \$18 per hour. This is a contracted position, and no state benefits apply.

Contact Information

If interested in this position, please e-mail resume and cover letter to Rob Palmer at rkpalmer@water.nv.gov