



Wildland Fire Decision Support System (WFDSS) Specialist Job Description

Organization:

Colorado Rural Water Association (CRWA) was founded in 1980. CRWA is an affiliate of the National Rural Water Association headquartered in Duncan Oklahoma. CRWA's mission is to provide professional training, technical assistance, and political representation to rural and small communities as they endeavor to maintain industry standards, regulatory deadlines, and attain multi-level certifications of their water and wastewater operators.

Position:

The primary goal of this position is to assist public water systems (PWS) in the identification of critical water infrastructure for integration into the Wildland Fire Decision Support System (WFDSS). WFDSS is a web-based tool developed by the federal government designed to assist fire managers in making streamlined decisions during wildfires. The United States Forest Service (USFS) in Colorado utilizes WFDSS and ultimately receives the integrated information.

This position is funded through the Colorado Department of Public Health and Environment (CDPHE). The position is temporary/full time, with some flexibility, for a total of no more than 420 hours to be completed by November 15, 2020. The WFDSS Specialist will report to the Source Water Protection Supervisor at CRWA.

Objectives:

1. Research, identify, and contact PWS within proximity to USFS and other federal land boundaries.
2. Coordinate activities and facilitate the process of identifying and ranking system specific critical water infrastructure for integration into the WFDSS system.
3. Provide professional one-on-one "on-site" assistance to PWS to map water system infrastructure (pump houses, storage tanks, aboveground water lines, etc.)
4. Assist in the completion and submission of WFDSS data to Coalitions and Collaboratives (COCO) who stores and ultimately transfers the data to the USFS.
5. Generate final report.

Basic Functions:

Provides technical assistance to PWS during the integration of critical water infrastructure into the USFS WFDSS system. Provide guidance to these PWS throughout the process.



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Specific Responsibilities:

1. Travel extensively throughout the state to complete WFDSS evaluations.
2. Facilitate planning meetings between various cross-jurisdictional entities if applicable.
3. Offer guidance to the PWS for tier ranking the most critical water infrastructure.
4. Conduct point specific GPS measurements while at the infrastructure itself or via PWS identification on the mobile GPS tablet.
5. Act as a liaison to the PWS, COCO, CDPHE and the USFS.
6. Complete and submit the required reporting as scheduled. Complete online logs on a daily, weekly basis to maintain compliance with the CDPHE contract.
7. All other duties as assigned.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. While performing the duties of this job, the employee is regularly required to sit, stand and walk. The employee is frequently required to use hands to finger, handle, or feel; reach with hands and arms; and stoop, kneel, crouch, or crawl; and talk or hear. The employee is occasionally required to hike over rough terrain. The employee must regularly lift and/or move up to 20 pounds. The employee must be able to operate a motor vehicle for extended periods of time.