



COLORADO RIVER DISTRICT

PROTECTING WESTERN COLORADO WATER SINCE 1937

POSITION: Senior Water Rights Engineer/Hydrologist

POSITION SUMMARY:

Serves as resident expert on technical issues and represents the Colorado River District and its interests in working with various groups and state agencies on subject areas. Serves as staff expert in surface water and ground water hydrology, water rights administration and water rights matters within the Colorado River Basin. Provides technical support to Counsel on water rights matters, including support on District's water rights portfolio. Provides a high level of water rights expertise throughout the entire geographic reach of the River District, particularly in Water Divisions 4, 5 and 6. May serve as the District's expert witness on water rights matters.

TYPICAL EDUCATION AND EXPERIENCE REQUIRED:

Bachelor's degree in Engineering, Hydrology or closely related field. Advanced degree preferred. Ten plus years' experience in water resources hydrology and water rights administration. Possess strong working knowledge of Colorado water rights development, operation, and administration, particularly in Water Divisions 4, 5 and 6. Demonstrated mastery of principles, policies and politics of modern water project operations and administration in Colorado. Experience supporting project and operations management. Leadership and management experience preferred.

SKILLS AND COMPETENCIES:

In addition to the educational and experience requirements, the following skills are essential to the job:

- Strong communication skills with ability to communicate succinctly, effectively and professionally in difficult situations with divergent groups.
- Significant experience in developing technical positions in litigation and negotiation environment.
- Ability to work with professionals, the public, other agencies and oversee work of others.
- Critical thinking and ability to utilize data and science to advocate for Colorado River District's interests and find unique solutions to matters of concern to the District.
- Teamwork, organization, and leadership skills. Able to work collaboratively with River District constituents and other entities on complex issues.
- Must possess advanced computer skills, including Microsoft Suite, and an understanding of GIS software preferred.

ADDITIONAL PREFERRED SKILLS:

- Ability to understand, interpret and translate intra and interstate river system and water rights models.
- Understanding of reservoir and facility management, including managing releases and river accounting.
- Significant management experience.

ESSENTIAL FUNCTIONS:

1. Provide technical support to Legal Department with respect to litigation, settlement matters, and Water Court cases, including diligence filings on the District's conditional

water rights.

2. Provide highest level of technical knowledge and input on West Slope and Transmountain Diversion (TMD) water right and water supply matters.
3. Provide high level of water rights expertise throughout the entire geographic reach of the River District, particularly in Water Divisions 4, 5 and 6. Maintain a deep understanding of all major (and most minor) water rights and water users from Grand Valley to the continental divide including all major TMD operations ranging from Twin Lakes on the south to C-BT / Windy Gap on the north.
4. Actively work on negotiations employing high level understanding of all major TMDs, their history and the various governing agreements.
5. Performs and supervises engineering studies and support functions needed to acquire and protect District's water rights.
6. Oversee scientific work on a project specific basis (*e.g.*, endangered fish, water quality and river mechanics issues, etc.).
7. Participate and effectively represent the District, protecting its interests in various collaborative water resource studies and efforts.
8. Creatively support and facilitate the efforts of constituent water users to place water to beneficial use pursuant to state law and applicable Interstate Compacts.
9. Assist in development and implementation of District's policy related to the Compacts governing water allocation in the Colorado River basin.
10. Represent the District's interests and/or its constituent water users in matters of statewide interest.
11. Plan and oversee consultants' work toward the District's objectives in water-rights litigation and water-resource development/protection.
12. Take a leading role in developing water-allocation policy and/or water administration philosophy in Water Divisions 4, 5 and 6 (particularly regarding federal/state interaction in coordinating reservoir operations, in-stream flows for endangered species and water available for export from natural basins).

OTHER REQUIREMENTS:

1. Performs other work-related duties as assigned by the General Manager.