

South Metro Water Supply Authority

Water Resource Engineer

Who We Are

The South Metro Water Supply Authority (SMWSA) was formed in 2004 to address the challenge of a high reliance on groundwater as a primary water supply in the south metro Denver area. For more information, visit www.southmetrowater.org.

Position Description

The South Metro Water Supply Authority (SMWSA) is seeking a full-time **Water Resource Engineer** to assist with water supply planning, water efficiency programs, operations of water supply systems, and oversight of the design and construction of water projects. This position will help implement SMWSA's regional renewable water projects including the WISE (Water Infrastructure and Supply Efficiency) Partnership and assist with implementing and updating SMWSA Regional Master Plan. This position offers a unique opportunity to work in a multitude of technical disciplines. SMWSA supports its employees to grow and use skills in multiple aspects of water resources.

Duties

This position will have the following duties. In some cases, this position will lead these efforts and in other cases, will assist other team members:

Primary Duties

- Oversee WISE Project planning and operations, as related to:
 - Administering and scheduling water deliveries
 - Modifying and creating programs to administer and track water deliveries
 - Preparing water delivery reports
 - Water quality monitoring
 - Permit compliance
- Identify and implement long-term water quality solutions, including but not limited to total dissolved solids management, treatment technologies, and regulatory compliance
- Develop and lead asset management systems and oversight
- Oversee Regional ASR Feasibility Study and other groundwater initiatives
- Plan and develop SMWSA Regional Master Plan implementation
- New water supply evaluations
- Regional conservation initiatives

Additional Duties:

- Hydraulic design and modeling support
- Support efforts related to the design, construction oversight, progress, and expenditures tracking, as related to WISE Project implementation
- Easement protection support and review of design plans adjacent to or within our easements

Education and Experience

- Education - Professional degree in Hydrology, Civil or Environmental Engineering, Water Resources Management, or related field
- Experience – 4 to 10 years
- Certifications – EIT or PE preferred, but not required

Desired Skills

Implementing SMWSA projects will require the following skills. Candidates are not expected to have experience in all of these areas. However, the ideal candidate will have experience in some of the following areas and be able to articulate how they will use the position to grow professionally and develop new skills.

- Professional written and verbal communication skills
- Project management / project delivery (budget/schedule/quality control)
- Water systems planning (Hydraulics, facility sizing, water quality, system controls, water accounting, water demand planning and conservation)
- Experience with development and management of water supply models to optimize operations and infrastructure
- Permitting and regulatory compliance at state, local, and federal levels
- Map and graphics production (GIS Systems)
- Knowledge of groundwater and aquifer storage and recovery
- Experience with computer software including Microsoft Office based programs.
- Database management and design
- Data collection and analysis
- Understanding of Colorado water law
- Construction management and oversight

Compensation

This is a professional level position with high growth potential. The starting salary range is \$60,000 to \$80,000 per year depending upon education and experience. SMWSA offers a highly competitive benefits program that includes life insurance, short-term and long-term disability, health/dental/vision insurance, retirement plans, and leave benefits.

To apply, please send a resume and cover letter articulating your skills and experience to: info@southmetrowater.org. Application material must be received by COB Friday January 12, 2018.

Equal Opportunity Employer