



2522 Marshall Street NE
Minneapolis, Minnesota 55418-3329

612-465-8780
contacts@mwmo.org

mwmo.org

**MISSISSIPPI
WATERSHED
MANAGEMENT
ORGANIZATION**

JOB POSTING

May 13, 2016

Mississippi Watershed Management Organization Monitoring and Instrumentation Specialist

Application Period

Friday, May 13, 2016 through Friday, May 27, 2016.

Position Information

- The MWMO is an At-Will Employer.
- The MWMO is an Affirmative Action/Equal Opportunity Employer.
- The MWMO provides an excellent package of benefits, including participation in the Minnesota Public Employees Retirement Association (PERA).
- Monitoring and Instrumentation Specialist reports to Water Resources Director.
- Monitoring and Instrumentation Specialist may have directing/training responsibility for interns and temporary part time staff.
- There is currently one full-time position to be filled (FLSA Status: Non-Exempt).

Primary Objectives

The Monitoring and Instrumentation Specialist will be responsible for installing, operating, and maintaining a variety of manual and automatic water monitoring and sampling equipment and instruments throughout the watershed to support the monitoring program. The individual will provide ongoing evaluation of and assistance with data collection, reporting, and program processes for continuous improvement to water resource monitoring efforts.

Major Duties

- Install, operate, program, and maintain monitoring equipment and instruments in the field necessary to implement the water resources monitoring program
- Design, plan, install, replace, repair, maintain, and provide documentation and schematics for all equipment and instruments associated with water resources monitoring programs
- Perform programming, calibration, and maintenance of instrumentation and control systems including SCADA (Supervisory Control and Data Acquisition)
- Manage MWMO's real time monitoring network instrumentation and data collection
- Accurately record, store, analyze and report on data collected from the monitoring program and provide data to required local, state, and federal agencies
- Review, summarize, and analyze water quantity and quality data including organizing data files and working with WISKI database software. Ensure that data QA/QC procedures are in place and followed
- Conduct bathymetric mapping and water quality monitoring of Mississippi River
- Assist with stormwater and surface water monitoring activities as needed
- Provide project support for Geographic Information System related projects
- Administer and manage projects and contracts for Water Resources Monitoring initiatives
- Conduct field work related to MWMO's member cities' Illicit Discharge Program

Requirements

Education and Experience

Bachelor's degree and a minimum of five (5) years professional experience or Master's degree and a minimum of three (3) years of professional experience in water resources and environmental monitoring, data collection, instrumentation, and reporting is required. Bachelor's or Master's degree in the field of Biology, Chemistry, Limnology, Water Resources, Natural Resources, Engineering, Earth Science, Environmental Science or related field is required. Course work or experience with stream/river hydrology, water quality monitoring and modeling, and chemistry is preferred. An equivalent combination of relevant education/experience/professional licenses may be considered.

Additional Skills

- Able to display excellent verbal, written, organizational, and interpersonal communication skills
- Knowledge of public process in government, urban resource management and environmental issues, storm water management practices, program management techniques, public education/public information, design and graphics, dispute resolution, and group dynamics and interactions
- Able to analyze technical data and reports, and to develop/coordinate/facilitate work teams and individuals
- Able to work successfully with considerable independence

Working Conditions

Lifting, performing physical labor and general building skills are necessary for field work in this position. Majority of time is spent in the field with remaining in normal office settings. Monitoring and Instrumentation Specialist must be available to work some evenings and weekends. Stress level varies from low to very high

License

By date of hire, must possess and maintain a valid Driver's License.

Selection Process

The MWMO reserves its right to limit the number of candidates included in any phase of the process. Initial screening of qualifying applications will be conducted to narrow the field of candidates. These candidates will be asked to an initial interview. If necessary a second round of interviews may be held. The final candidate(s) may be required to complete work style or work competency survey prior to being offered the position.

Applications Process

Visit the MWMO website at www.mwmo.org for a full position description.

Required Submission

Decisions concerning an applicant's minimum qualifications for this position will be based on information provided in the application materials. Please send résumé with a cover letter, list of three references and unofficial copy of college transcripts. This job has been posted in a variety of print and electronic media; please identify the specific source where you found this job posting in your cover letter. Please limit your submission to 8 pages. Font size must be 10pt or greater.

Submission Dates

May 13, 2016 through May 27, 2016

Mailed applications must be postmarked by and emailed materials must be received by 4:30 p.m., May 27, 2016 to be considered. Digital submissions must be in .doc, .pdf, or .rtf formats. NOTE: Faxed applications will not be accepted.

E-mail or Submit application to:

Dr. Udai B. Singh, Water Resources Director
Mississippi Watershed Management Organization
2522 Marshall Street NE
Minneapolis, MN 55418-3329
Tel. 612-746-4980
E-mail: usingh@mwmw.org