

Job Title: Hydrogeologist/Water Resources Engineer  
Location: Mankato, MN  
Education: BS degree (MS preferred) in hydrogeology, geology, civil, or environmental engineering with an emphasis in water resources, or similar; Minnesota P.G. licensure or ability to obtain within 6 months; and EIT or PE preferred.

#### Job Description

---

I&S Group is a full-service science and engineering consulting firm with two locations in southern Minnesota providing multidisciplinary services in the fields of environmental assessment, remediation, permitting and compliance support, and natural resource science throughout the nation. I&S is seeking a hydrogeologist/water resources engineer to provide services to a wide variety of clients, primarily industry. The position is based in our Mankato, MN office.

#### Responsibilities

---

- » Develop technical approaches for hydrogeologic/hydrologic characterization of groundwater and/or surface water systems in support of consumptive use permitting, industrial/municipal development and site remediation
- » Use of groundwater and surface water hydrologic model software and GIS applications for event-based and continuous simulations for evaluations, planning and support of various hydraulics, hydrology, hydrogeology, and water quality related issues
- » Floodplain studies - hydrologic and hydraulic analyses and modeling and floodplain delineations using GIS- and CAD-based engineering and mapping tools
- » Aquifer performance testing design, implementation and data interpretation;
- » Geophysical surveys and evaluations;
- » Water quality data analysis and geochemical interpretation
- » Review and monitor changes in environmental regulations, provide client permitting and compliance support
- » Specifying and supervising groundwater investigations, coordinating with contractors and providing contract supervision, and undertaking field tests and data collection;
- » Interact with industrial clients to identify their needs and collect relevant data,
- » Perform data analysis utilizing software and spreadsheets to assist with resolving client problems
- » Work with governmental and regulatory authorities and contractors on the client's behalf
- » Grow to be able to suggest problem resolution from knowledge gained in previous assignments
- » Analytical and technical report writing for understanding by multiple audiences;
- » Development and enhancement of client relationships and business growth;
- » Provide project and technical leadership on complex, multi-disciplined projects including managing budget, schedule, regulatory and contractual commitments

#### Requirements

---

- » 5-8+ years experience in hydrogeologic and water resources engineering, with a knowledge of Minnesota, Iowa, and Wisconsin regulations.
- » Broad expertise in water resources management including specific experience with hydrology, hydrogeology, watershed protection/restoration, source water protection, and best management practices
- » Candidate must have great attention to detail, a high level of technical and organizational skill accompanied by excellent oral and written communication skills.
- » Excellent ability to document completed work tasks, give project status reports, and prepare final engineering analysis into written reports for both clients and other audiences.
- » Water quality data analysis skills and geochemical knowledge, with knowledge of well construction, water resources assessment, technical writing and familiarity with local, state, and federal water regulations.
- » Ability to understand and communicate a superior technical understanding and provide both common and innovative design approaches to solving problems.



[www.is-grp.com](http://www.is-grp.com)

**MANKATO**

115 E Hickory St, Suite 300  
Mankato, MN 56001  
PH: 507.387.6651  
FX: 507.387.3583

**FARIBAULT**

1415 Town Square Ln  
Faribault, MN 55021  
PH: 507.331.1500  
FX: 507.331.1501

ARCHITECTS • ENGINEERS • PLANNERS • LAND SURVEYORS • SCIENTISTS

- » Self motivated, interdisciplinary team player with strong interpersonal communication skills working collaboratively in a team environment. Ability to work in a Corporate environment and successfully collaborate with both technical and non-technical staff and clientele.
- » Proven experience in task and project management;
- » Working knowledge of groundwater flow modeling and analysis software; including GIS and CAD
- » Experience with site investigations and remediation through Phase I and II Environmental Site Assessments an asset;
- » Professional Geologist licensure in Minnesota or ability to obtain within 6 months; Iowa, South Dakota, North Dakota, and Wisconsin would be an additional asset.
- » A valid driver's license
- » Ability to safely and efficiently perform field work, prolonged walking and standing on various terrain in a wide range of weather conditions

For further information about I&S Group, or to apply for one of our positions, please visit us online at: [www.is-grp.com](http://www.is-grp.com). We thank all applicants for their interest; however only those selected for an interview will be contacted. I&S Group is an equal opportunity employer.