



Job Announcement
Engineer -Senior or Principal, Water Supply Planning
An Equal Opportunity/Affirmative Action Employer
<https://metro council.org>

SALARY

Salary: See Position Description

OPENING DATE: 07/19/22

CLOSING DATE: 08/09/22 11:59 PM

LOCATION: Metro Plant - 2400 Childs Rd. St. Paul MN 55106

WHO WE ARE:

We are the Metropolitan Council, the regional government for the seven-county Twin Cities metropolitan area. We plan 30 years ahead for the future of the metropolitan area and provide regional transportation, wastewater, and housing services. [More information about us is on our website.](#)

We are committed to supporting a diverse workforce that reflects the communities we serve.

Join an award-winning wastewater industry leader in protecting our environment! Metropolitan Council Environmental Services (MCES) operates and maintains the wastewater collection and treatment system in the Twin Cities metropolitan region. It also provides coordinated long-range water resources and supply planning, air and water quality monitoring to meet future needs. MCES treatment plants consistently earn state and national awards for complete compliance with their environmental permits. MCES received a Governor's Award as a Great Place to Work.

To find out more about the Environmental Services division, please click on the link for more information: <https://metro council.org/Wastewater-Water.aspx>.

How your work would contribute to our organization and the Twin Cities region:

As a **Principal or Senior Engineer** in Water Supply Planning, you will play a vital role in leading and supporting the planning effort by the Council to ensure the sustainability, reliability, and stability of water supplies for the Twin Cities' seven-county metropolitan area. This will include overseeing technical and planning work to ensure the Council is producing highly valued and credible information for making decisions in a timely manner, providing timely support to communities in their local planning efforts, fulfilling the Council's legislative mandate for water supply planning, supporting collaboration among water utility and policy stakeholders, which is critical to fulfilling the Council's Water Supply Planning work plan and implementation of the Master Water Supply Plan. Examples of stakeholders include the Technical Advisory Committee, state agencies, and subregional work groups.

Strong project management skills are critical to the leadership of projects and the relationships that must be built and maintained to manage the work of the Water Supply planning unit.

WHAT YOU WOULD DO IN THIS JOB

Senior Engineer

- Apply engineering knowledge for hydraulic analysis, water distribution network analysis, water quality control, construction, and other applications to support communities' water supply planning.
- Use computer software tools to model engineering problems, prepare spreadsheet-based economic analysis, and for a variety of other engineering and office applications.
- Prepare and review engineering studies, feasibility reports, engineer evaluations, technical memoranda, etc. to support communities' water supply planning.
- Plan and manage department projects and assignments, including coordination with cities/counties and other stakeholders who may be partners in those projects.
- Develop written communication materials for internal and external use (e.g., content for websites, press releases, newsletters, etc.).
- Create and deliver presentations to a variety of internal and external partners.

Principal Engineer

- Develop technical project work plans to assist in solving technical problems; interpret water supply-related plans and policies; confer with and provide information to stakeholders, engineers, consultants, and the public on conformance to standards, plans, specifications, and codes.
- Represent the Council with regulatory agencies, local interests, neighborhood groups, city, Metropolitan county, state, and federal governmental units, industrial user groups, and other interested parties such as the Water Supply Technical Advisory Committee and sub-regional water supply work groups. Conduct necessary communications and interactions with these groups.
- Provide leadership in facilitating the activities of project teams. Work with the team and other responsible staff to establish project goals and priorities. Provide leadership in contractor, consultant, and /or vendor contracts and services.
- Use project management tools and methodologies to create, manage, and implement water supply projects.

WHAT EDUCATION AND EXPERIENCE ARE REQUIRED FOR THIS JOB (MINIMUM QUALIFICATIONS)

Minimum Qualifications for Senior Engineer

Bachelor's degree in civil or environmental engineering or related field.

AND

Four (4) years of progressively responsible experience in municipal water supply planning and engineering.

Minimum Qualifications for Principal Engineer

Bachelor's degree in civil or environmental engineering or related field.

AND

Six (6) years of progressively responsible experience related to municipal water supply planning and engineering and policy development and interpretation.

License Requirements:

- EIT or PE registration in Minnesota (PE is preferred). PE licenses from other states must be transferrable to Minnesota within the probationary period of six (6) months from hire.
- Valid driver's license.

What additional skills and experience would be helpful in this job (desired qualifications):

- Master's degree in civil or environmental engineering.
- Experience in public works and/or consulting experience.
- Experience managing and coordinating complex projects.
- Experience leading collaborative teams.
- Experience fostering equity, diversity and inclusion competency and understanding.

What knowledge, skills, and abilities you should have within the first six months on the job:

- Water supply planning, practices of researching engineering issues, evaluation of alternative approaches to water supply challenges, and making technically sound recommendations.
- Engineering principles of hydraulic, hydrologic analysis, and water supply treatment and distribution.
- Principles and practices of project management.
- Use computer software tools to model engineering problems, prepare maps and spreadsheet-based analysis, and for a variety of other engineering and office applications.
- Ability to integrate, summarize and synthesize data from a variety of sources (e.g. maps, calculations, environmental reports, feasibility studies) to research, analyze and formulate technical, project planning, and policy recommendations.
- Ability to establish and maintain effective working relationships with stakeholders, service providers, and coworkers; to promote an equitable, positive and respectful work environment that values diversity among all employees.
- Work cooperatively as a member of a multi-disciplinary team to meet project goals and timelines.
- Ability to communicate effectively in writing, preparing concise and accurate engineering reports, correspondence, and memos for a variety of audiences including staff, government and regulatory agencies, contractors, and the public.

ADDITIONAL INFORMATION

Union/Grade: AFSCME, Grade H (Senior) Grade I (Principal)

FLSA Status: Exempt

Safety Sensitive: No

Full Salary for Senior Engineer: \$36.59 - \$55.22 hourly/ \$76,107 - \$114,857 annually

Full Salary for Principal Engineer: \$39.57 - \$59.71 Hourly/ \$ 82,306 - \$124, 197 annually

Working Conditions:

The majority of the time, work is performed in a standard office setting and at various treatment plant sites throughout the region. Periodic construction or project site visits may also be required.

What steps the recruitment process involves:

1. We review your minimum qualifications.
2. We rate your education and experience.
3. We conduct a structured panel interview.
4. We conduct a selection interview.

Once you have successfully completed the steps above, then:

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If you are new to the Metropolitan Council, you must pass a drug test (safety-sensitive positions only), and a background check which verifies education, employment, and criminal history. A driving record check and/or physical may be conducted if applicable to the job. If you have a criminal conviction, you do not automatically fail. The Metropolitan Council considers felony, gross misdemeanor, and misdemeanor convictions on a case-by-case basis, based on whether they are related to the job and whether the candidate has demonstrated adequate rehabilitation.

If you are already an employee of the Metropolitan Council, you must pass a drug test (if moving from a non-safety sensitive position to a safety-sensitive position) and criminal background check if the job you're applying for is safety-sensitive, is a supervisory or management job, is in the Finance, Information Services, Audit, or Human Resources departments, or has access to financial records, files/databases, cash, vouchers or transit fare cards. A driving record check and/or physical may be conducted if applicable to the position.

IMPORTANT: If you make a false statement or withhold information, you may be barred from job

consideration.

The Metropolitan Council is an Equal Opportunity, Affirmative Action, and veteran-friendly employer. The Council is committed to a workforce that reflects the diversity of the region and strongly encourages persons of color, members of the LGBTQ community, individuals with disabilities, women, and veterans to apply. If you have a disability that requires an accommodation during the selection process, please email HR-OCCHHealth@metc.state.mn.us

APPLICATIONS MAY BE COMPLETED ONLINE AT
www.metrocouncil.org

Job #2022-00293
ENGINEER -SENIOR OR PRINCIPAL, WATER SUPPLY PLANNING

Engineer -Senior or Principal, Water Supply Planning Supplemental Questionnaire

- * 1. Applicant Instructions: The supplemental questions listed below are to further evaluate your education and experience and to determine your eligibility for this position. Answer each question completely and please do not type "see resume" otherwise your application will be considered incomplete, and you will not receive further consideration for this position. The experience you indicate in your responses should also be consistent with the Work History section of this application. If you attached a resume and/or cover letter to your application, it will be reviewed at the education and experience review step. I have read and understand the above instructions regarding supplemental questions.
- Yes
 No
- * 2. How did you **first** hear about this job opening?
- CareerForce Center
 Community Event/Organization
 Employee Referral
 Facebook
 Glassdoor
 Indeed
 Job Fair
 LinkedIn
 Metro Transit Bus Advertisement
 Twitter
 Website: governmentjobs.com
 Website: metrocouncil.org
 Website: metrotransit.org
 Website: minnesotajobnetwork.com
 Other
- * 3. If you selected 'Other', please describe where you first heard about this job. if you selected 'Employee Referral' please enter the employee's first and last name, ID number (if known), and job title. Type N/A if not applicable.
- * 4. Please select which position(s) for which you are applying.
- Senior Engineer
 Principal Engineer
- * 5. Which of the following best describes your highest level of education?
- Master's degree, or higher, in civil or environmental engineering
 Bachelor's degree in civil or environmental engineering
 Bachelor's degree, or higher, in a similar field of study
 None of the above
- * 6. If you chose a Bachelor's degree in a related field, please list the field the degree is in. If this does not apply to you, type n/a.

- * 7. Select the option that best describes your experience.
 - Eight (8) or more years of experience as an Engineer.
 - At least six (6) years but less than eight (8) years of experience as an Engineer.
 - At least four (4) years but less than six (6) years of experience as an Engineer.
 - Less than four (4) years of experience as an Engineer.
- * 8. Do you hold a Professional Engineer (PE) license or Engineer in Training (EIT) certificate in the state of MN or a state with reciprocity?
 - Yes, a PE in Minnesota
 - Yes, EIT In Minnesota
 - Yes, PE or EIT from a different state
 - No, I do not hold either
- * 9. Do you have consulting or project management experience?
 - Yes No
- * 10. If you answered "Yes" to the previous question, please describe your experience in the area(s) listed. If you answered no, type n/a.
- * 11. Do you have experience supporting water supply system assessments and/or design?
 - Yes No
- * 12. If you answered yes to the previous question, please describe your experience in the area(s) listed. If no, please type n/a.
- * 13. Do you have experience supporting local plans such as capital improvement, water supply, wellhead, or comprehensive plans?
 - Yes No
- * 14. If you answered "Yes" to the previous question, please describe your experience in the area(s) listed. If no, please type n/a.
- * 15. Do you hold a valid driver's license?
 - Yes No
- * Required Question