

Water and Wastewater Engineer

Nelson, BC; Cranbrook, BC

About the Opportunity

We are looking to add a capable and hardworking Water and Wastewater Engineer to our team to help build our growing Water and Wastewater engineering practice in the Kootenay Region! We are looking for someone who shares our core values, has a passion for problem-solving, and has a spark for consulting.

You will work collaboratively in teams on planning, designing, and implementing Water and Wastewater projects for our clients. You will get to hone your technical skills, apply theory, and provide workable solutions for infrastructure planning and design for water and wastewater systems and facilities. Do you see yourself excited to contribute to:

- Engineering design of municipal utility facilities, including lift stations, pumping stations, reservoirs, and pipelines for all clients by working on all technical aspects of the projects. This includes but is not limited to:
 - Completing engineering calculations for various design aspects, including hydraulic system curves, tank sizing, dosing calculations, pump and motor sizing, wet well sizing, and piping sizing.
 - Completing facility sizing, layouts, and piping design.
 - Completing cost estimates, drafting technical memos, design briefs, and reports.
 - Reviewing drawings, reports, and other deliverables provided by clients, internal teams, and subconsultants to support successful project delivery.
 - Drafting construction specifications and contracts.
 - Overseeing and reviewing work provided by engineers-in-training and technologists within the project team, and being responsible for deliverables to our clients.
 - Executing water and sanitary system modelling and analysis using WaterCAD and PCSWMM would be an asset.
- Work program preparation, project planning/chartering, and project initiation.
- Preparing presentations, project progress reports, and other documents to support the project delivery process and communicate with clients.
- Managing budgets, schedules, and client communications.
- Providing coordination and effectively communicating between internal and external team members (including clients and sub-consultants) and suppliers.

- Leading project teams by focusing on strong relationships and prioritizing the well-being and growth of the contributing members (including clients) through the lifecycle of the project.
- Developing strong relationships internally to understand our service offerings and the different practice areas, as well as to effectively work in multi-disciplinary teams to deliver projects for our clients.
- Developing and deepening relationships with our current and prospective clients, focusing on solving problems related to water and wastewater infrastructure.
- Coaching junior engineers and civil engineering technologists as needed.

About You

Our ideal candidate will be a Civil, Chemical, Mechanical, or Environmental Engineer with 4-7 years of direct industry work experience and is currently registered or eligible for registration as a Professional Engineer with EGBC or equivalent provincial or territorial association. The core skills that will help you succeed here include:

- You have a keen interest in pursuing a career working on water and wastewater projects in Western Canada.
- You have strong communication skills, both verbal and written, and are able to listen, clarify, and engage others effectively.
- You drive initiatives, have problem-solving skills, and enjoyment in working hard to deliver value for others.
- You seek out opportunities to collaborate with people of varying backgrounds and perspectives.
- You possess a strong attention to detail and the ability to continually deliver high-quality work.
- You can work on multiple projects at a time, managing your time and priorities, and thrive in a self-directed and autonomous work environment.
- You are open-minded, curious, and willing to seek support when needed.
- You have previous experience working on water and wastewater municipal projects.
- You have worked on the construction of water and wastewater municipal projects.
- You have experience in contract administration and field inspection of construction projects.
- You have experience with water and sanitary system modelling and analysis using WaterCAD and PCSWMM.
- You are willing and able to travel to project sites throughout Western Canada.
- You have a valid Class 5 Driver's Licence.

About Us

Urban Systems is a Canadian employee-owned interdisciplinary community consulting firm. We are united in our mission to transform communities everywhere into vibrant places where people want to live today, tomorrow, and into the future.

At Urban Systems, vibrant communities are everything—including our own work community. Since 1975, we have grown to more than 700 people with 18 offices across Canada. Every day, our purpose-driven team works closely with our clients and their communities to deliver impactful work. We are proud to work with diverse clients, including Indigenous communities, all levels of government, commercial and residential land developers, and the natural resource sector.

We care for our communities and for our people. It's our differences that make us exciting, and our shared belief in Urban Systems that binds us together. We're searching for the creative and passionate and the curious and courageous to join us in creating meaningful and generational change in communities.

Our Commitment to You

Are you looking for opportunities to participate in challenging projects and work with multiple teams? Join a diverse and supportive group of professionals at Urban Systems and take part in impactful work building vibrant communities across Canada. Here's what you can expect as a team member at Urban Systems:

- **Competitive Compensation and Benefits.** You'll receive competitive compensation, extended health, dental, vision care coverage, and more. **This position will have a salary range of \$95,000.00 - \$115,000.00 per year based on a 40-hour work week.** The range is negotiable based on your skillset and experience.
- **Paid Time Off.** We encourage all team members to take time off to recharge. Enjoy 3 weeks of paid vacation to start, in addition to statutory days off throughout the year.
- **Learn and grow.** Your professional growth & development is supported here. You are encouraged to take initiative and shape your career through coaching, in-house learning, technical courses, and more.
- **Work with Interdisciplinary Teams.** Amazing things happen when you mix creativity, curiosity, teamwork, and a strong desire to collaborate and innovate. You will be part of diverse, interdisciplinary teams to deliver important projects for our clients and their communities.
- **Flexible Hours & Work Environment.** You have a life outside of work. We offer flexibility in your work schedule and work environment to help you do your best work and meet your commitments.

- **Saving for the Future.** To help you achieve your long-term retirement goals, we offer a Long-Term Matching Program that matches your contributions (up to 5%) to an RRSP or TFSA.
- **Support through Transitions.** You will be supported through life's moments and transitions, big or small, including top-up for parental leave for both biological and adoptive parents.
- **Create Lasting Community Impact.** 98% of Urban Systems employees believe that the work we do is important. Join a team of like-minded leaders and work together to bring impactful community projects to life!

How to Apply

If this describes your background, skills, and attributes, please visit our website for more information and submit your resume and cover letter. If it doesn't describe you exactly, but you feel you are well suited to this opportunity, we encourage you to apply.

Urban Systems is an equal opportunity employer. We strive to create an inclusive culture for all employees. Our clients come from all walks of life, and so do you. We believe that diversity and unity amongst our teams leads to building vibrant communities.

Deadline for applications: **Wednesday, July 23, 2025, at 9:00 am PDT**